STATION: 87051 DATE: 10 August

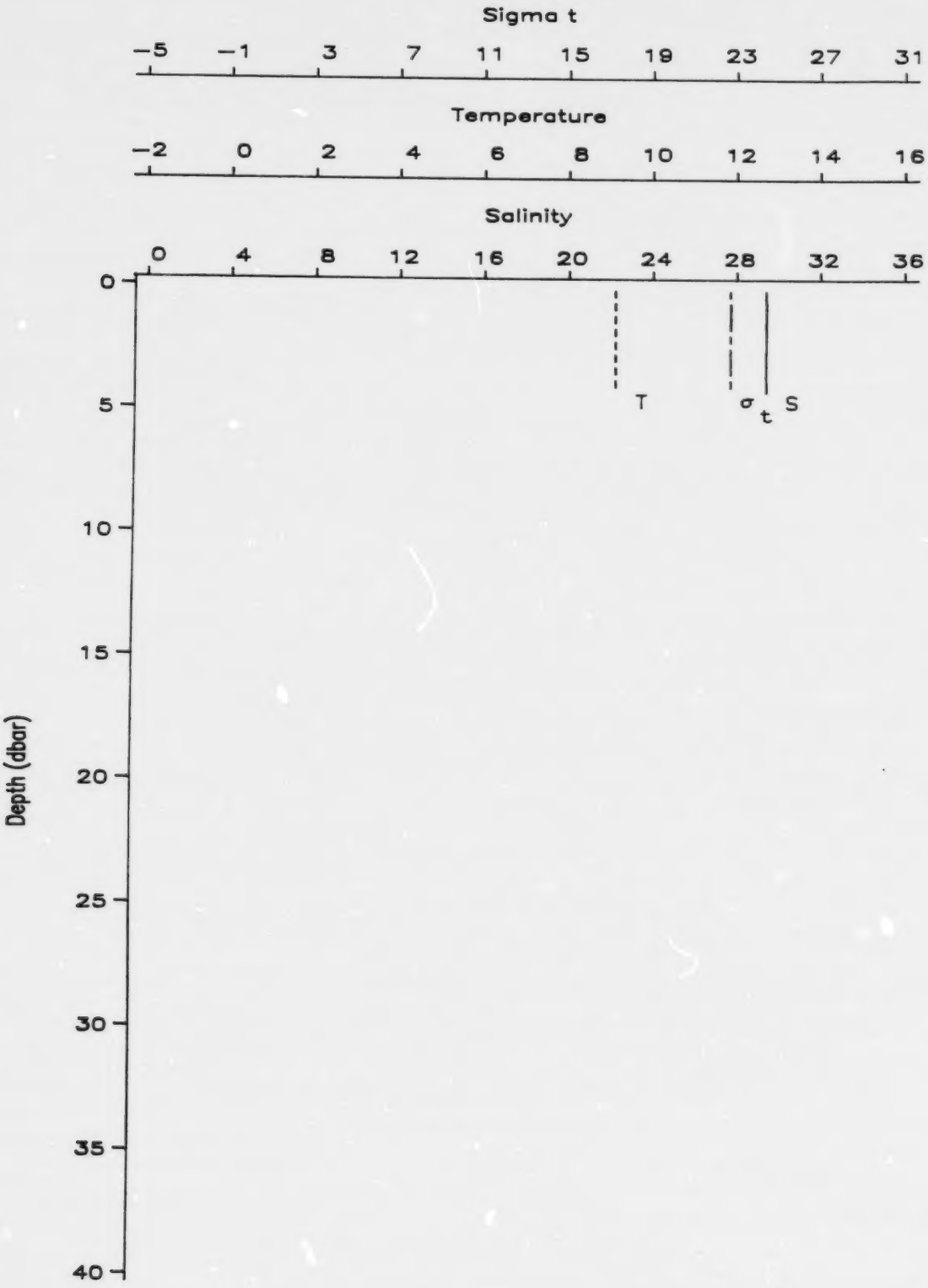

Table A1.35. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87051, August 10, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	29.40	9.11	1022.72	1.6	29.40	9.12	1022.72	3.1	29.41	9.11	1022.73
0.3	29.40	9.11	1022.72	1.8	29.42	9.11	1022.74	3.2	29.40	9.11	1022.72
0.4	29.40	9.11	1022.72	1.9	29.42	9.11	1022.74	3.5	29.40	9.12	1022.72
0.5	29.40	9.11	1022.72	2.0	29.40	9.11	1022.72	3.6	29.41	9.11	1022.73
0.7	29.42	9.11	1022.74	2.2	29.40	9.12	1022.72	3.7	29.41	9.11	1022.73
0.9	29.41	9.11	1022.73	2.4	29.40	9.11	1022.72	4.0	29.42	9.12	1022.73
1.1	29.40	9.11	1022.72	2.5	29.40	9.11	1022.72	4.2	29.41	9.12	1022.73
1.3	29.42	9.11	1022.74	2.6	29.40	9.11	1022.72	4.3	29.42	9.12	1022.73
1.4	29.40	9.11	1022.72	2.7	29.40	9.12	1022.72				
1.5	29.41	9.11	1022.73	2.9	29.40	9.11	1022.72				

STATION: 87052 DATE: 12 August

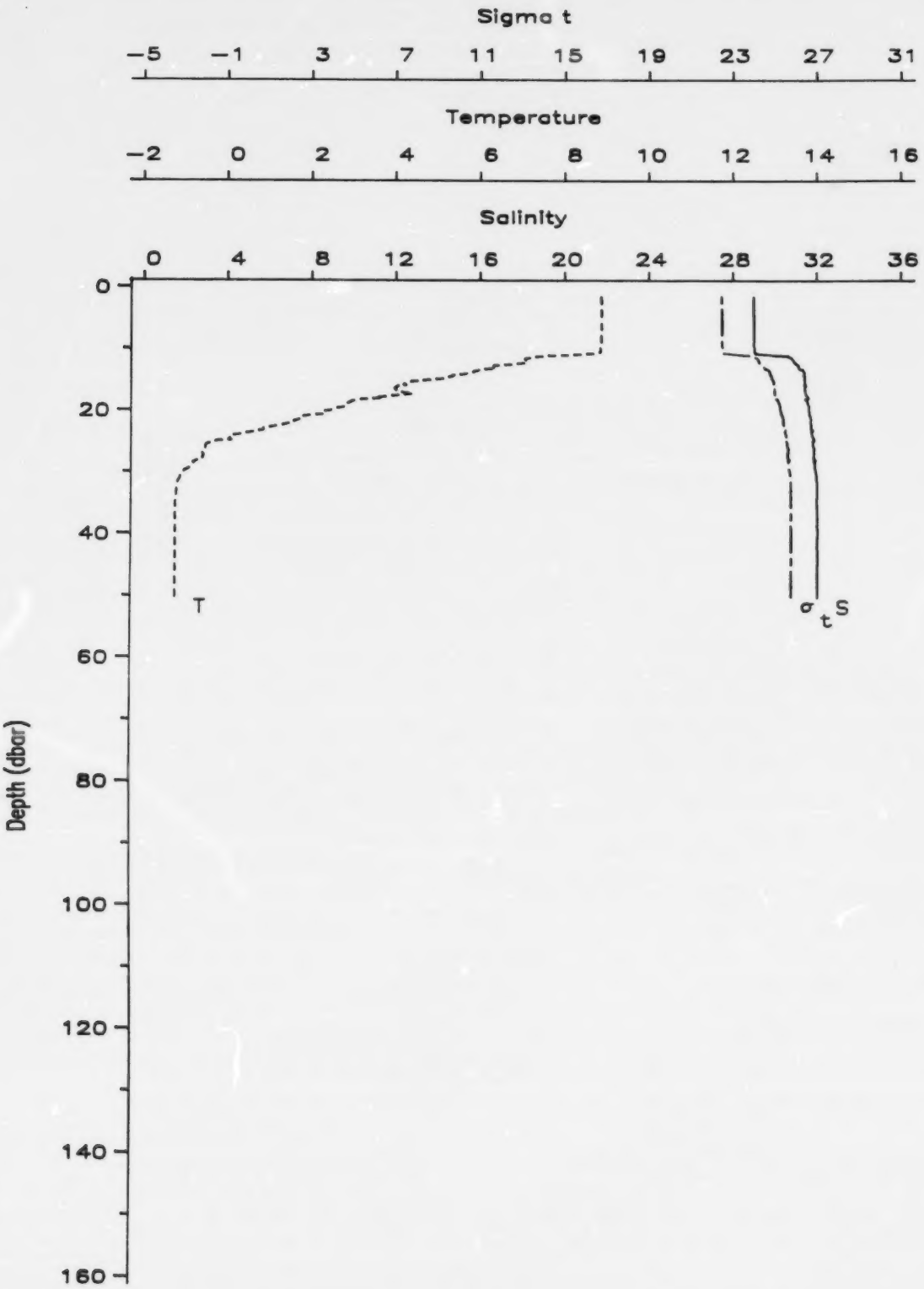

Table A1.36. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87052, August 12, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.6	29.00	8.87	1022.44	9.6	29.01	8.86	1022.45	18.3	31.55	3.17	1025.12
1.7	29.00	8.86	1022.44	10.0	29.05	8.83	1022.49	18.5	31.56	2.95	1025.14
1.8	29.00	8.86	1022.44	10.2	29.04	8.85	1022.48	18.6	31.57	2.91	1025.16
2.1	29.00	8.87	1022.44	10.4	29.04	8.84	1022.48	18.7	31.57	2.89	1025.16
2.2	29.00	8.87	1022.44	10.5	29.04	8.85	1022.48	18.9	31.59	2.84	1025.18
2.3	29.00	8.87	1022.44	10.6	29.05	8.83	1022.49	19.1	31.62	2.81	1025.20
2.5	29.00	8.87	1022.44	10.8	29.09	8.78	1022.53	19.2	31.64	2.81	1025.22
2.8	29.00	8.87	1022.44	11.1	30.04	8.15	1023.36	19.4	31.64	2.80	1025.22
3.1	29.01	8.87	1022.45	11.2	30.64	7.59	1023.91	19.8	31.64	2.53	1025.24
3.2	29.00	8.87	1022.44	11.5	30.81	7.22	1024.09	20.1	31.65	2.40	1025.26
3.3	29.00	8.87	1022.44	11.7	30.86	7.04	1024.15	20.2	31.64	2.29	1025.26
3.4	29.01	8.87	1022.45	11.9	30.91	7.05	1024.19	20.3	31.67	2.25	1025.29
3.6	29.01	8.87	1022.45	12.1	30.94	7.08	1024.21	20.5	31.66	2.22	1025.28
3.8	29.01	8.87	1022.45	12.2	30.97	7.09	1024.23	20.6	31.66	2.21	1025.28
3.9	29.00	8.87	1022.44	12.3	30.96	7.10	1024.23	20.7	31.65	2.25	1025.27
4.3	29.00	8.87	1022.44	12.4	31.02	7.03	1024.28	20.8	31.67	2.02	1025.30
4.6	29.01	8.87	1022.45	12.6	31.10	6.74	1024.38	20.9	31.71	1.87	1025.35
4.7	29.01	8.87	1022.45	12.7	31.14	6.55	1024.44	21.2	31.73	1.68	1025.37
4.8	29.01	8.87	1022.45	12.8	31.13	6.30	1024.46	21.4	31.71	1.70	1025.36
4.9	29.01	8.86	1022.45	13.1	31.16	6.29	1024.48	21.6	31.75	1.65	1025.39
5.2	29.01	8.87	1022.45	13.3	31.23	6.34	1024.53	21.7	31.71	1.59	1025.36
5.3	29.01	8.87	1022.45	13.4	31.36	6.09	1024.67	21.8	31.72	1.55	1025.37
5.5	29.01	8.87	1022.45	13.7	31.40	5.85	1024.73	21.9	31.70	1.54	1025.36
5.7	29.00	8.87	1022.44	13.8	31.44	5.82	1024.76	22.1	31.73	1.48	1025.39
5.8	29.01	8.87	1022.45	13.9	31.39	5.82	1024.72	22.2	31.72	1.41	1025.38
5.9	29.01	8.87	1022.45	14.0	31.41	5.73	1024.75	22.4	31.75	1.30	1025.41
6.0	29.01	8.87	1022.45	14.3	31.39	5.50	1024.76	22.7	31.73	1.04	1025.41
6.1	29.01	8.87	1022.45	14.4	31.45	5.31	1024.83	22.8	31.74	0.95	1025.43
6.3	29.01	8.87	1022.45	14.5	31.44	5.32	1024.82	22.9	31.75	0.89	1025.44
6.4	29.01	8.86	1022.45	14.9	31.41	5.14	1024.82	23.0	31.74	0.82	1025.43
6.5	29.01	8.87	1022.45	15.1	31.45	4.86	1024.88	23.2	31.84	0.84	1025.51
6.7	29.01	8.87	1022.45	15.4	31.45	4.34	1024.93	23.5	31.75	0.62	1025.45
6.9	29.01	8.87	1022.45	15.7	31.42	4.20	1024.92	23.8	31.79	0.37	1025.50
7.1	29.01	8.86	1022.45	15.8	31.43	4.16	1024.93	24.1	31.80	0.12	1025.52
7.3	29.01	8.87	1022.45	15.9	31.50	4.15	1024.99	24.3	31.83	0.14	1025.54
7.4	29.01	8.87	1022.45	16.0	31.50	4.22	1024.98	24.6	31.89	0.03	1025.59
7.5	29.01	8.87	1022.45	16.1	31.43	4.02	1024.95	24.8	31.87	0.02	1025.58
7.6	29.01	8.86	1022.45	16.5	31.45	3.94	1024.97	24.9	31.90	0.07	1025.60
7.9	29.01	8.86	1022.45	16.8	31.46	3.98	1024.97	25.0	31.81	-0.25	1025.54
8.0	29.01	8.86	1022.45	16.9	31.46	4.01	1024.97	25.4	31.84	-0.45	1025.57
8.4	29.01	8.86	1022.45	17.0	31.46	4.06	1024.97	25.6	31.84	-0.52	1025.58
8.5	29.01	8.86	1022.45	17.4	31.49	4.38	1024.96	25.9	31.86	-0.55	1025.59
8.7	29.01	8.86	1022.45	17.6	31.54	4.01	1025.03	26.1	31.87	-0.55	1025.60
8.9	29.01	8.86	1022.45	18.0	31.63	3.55	1025.15	26.2	31.90	-0.55	1025.63
9.1	29.01	8.86	1022.45	18.1	31.59	3.63	1025.11	26.4	31.90	-0.57	1025.63
9.3	29.01	8.85	1022.45	18.2	31.45	3.43	1025.02	26.5	31.86	-0.59	1025.60

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Table A1.36. Station 87052 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
26.6	31.85	-0.60	1025.59	34.3	32.00	-1.24	1025.73	43.1	32.02	-1.26	1025.75
26.7	31.86	-0.61	1025.60	35.1	32.02	-1.26	1025.75	43.3	32.02	-1.26	1025.75
26.9	31.85	-0.62	1025.59	35.4	32.02	-1.26	1025.75	43.5	32.02	-1.26	1025.75
27.0	31.86	-0.62	1025.60	35.5	32.02	-1.25	1025.75	43.8	32.03	-1.26	1025.75
27.2	31.85	-0.60	1025.59	35.6	32.02	-1.26	1025.75	44.0	32.04	-1.26	1025.76
27.5	31.86	-0.60	1025.60	35.7	32.02	-1.25	1025.75	44.2	32.04	-1.26	1025.76
27.6	31.86	-0.61	1025.60	35.9	32.01	-1.25	1025.74	44.4	32.02	-1.26	1025.75
27.7	31.86	-0.61	1025.60	36.0	32.02	-1.26	1025.75	44.5	32.03	-1.26	1025.75
27.9	31.89	-0.63	1025.62	36.6	32.02	-1.26	1025.75	44.6	32.02	-1.26	1025.75
28.0	31.97	-0.72	1025.69	36.8	32.03	-1.26	1025.75	44.7	32.02	-1.26	1025.75
28.1	31.87	-0.72	1025.61	37.0	32.02	-1.26	1025.75	44.9	32.03	-1.26	1025.75
28.2	31.89	-0.76	1025.63	37.1	32.02	-1.26	1025.75	45.0	32.02	-1.26	1025.75
28.4	31.87	-0.80	1025.61	37.4	32.02	-1.26	1025.75	45.1	32.02	-1.26	1025.75
28.5	31.91	-0.84	1025.64	37.5	32.03	-1.26	1025.75	45.2	32.02	-1.26	1025.75
28.6	31.89	-0.82	1025.63	37.6	32.03	-1.26	1025.75	45.5	32.01	-1.26	1025.74
28.7	31.92	-0.84	1025.65	37.7	32.03	-1.26	1025.75	45.6	32.03	-1.26	1025.75
28.8	31.90	-0.84	1025.64	38.0	32.03	-1.26	1025.75	45.8	32.01	-1.26	1025.74
29.0	31.89	-0.86	1025.63	38.1	32.03	-1.26	1025.75	46.0	32.02	-1.26	1025.75
29.1	31.90	-0.86	1025.64	38.7	32.00	-1.25	1025.73	46.1	32.02	-1.26	1025.75
29.2	31.90	-0.88	1025.64	39.1	32.03	-1.26	1025.75	46.2	32.03	-1.26	1025.75
29.3	31.92	-0.90	1025.65	39.2	32.03	-1.26	1025.75	46.5	32.01	-1.26	1025.74
29.5	31.94	-0.96	1025.67	39.3	32.04	-1.26	1025.76	46.6	32.02	-1.26	1025.75
29.6	31.92	-0.97	1025.66	39.4	32.02	-1.26	1025.75	46.7	32.02	-1.26	1025.75
29.9	31.96	-1.05	1025.69	39.6	32.04	-1.26	1025.76	46.8	32.01	-1.26	1025.74
30.1	31.96	-1.07	1025.69	39.7	32.02	-1.26	1025.75	47.0	32.01	-1.26	1025.74
30.3	31.98	-1.09	1025.71	39.9	32.02	-1.26	1025.75	47.2	32.01	-1.26	1025.74
30.4	32.00	-1.08	1025.72	40.4	32.02	-1.26	1025.75	47.3	32.01	-1.26	1025.74
30.7	31.99	-1.14	1025.72	40.6	32.02	-1.26	1025.75	47.5	32.01	-1.26	1025.74
31.1	32.00	-1.15	1025.73	40.7	32.02	-1.26	1025.75	47.6	32.01	-1.26	1025.74
31.4	32.01	-1.18	1025.74	40.8	32.03	-1.26	1025.75	47.8	32.02	-1.26	1025.75
31.7	32.03	-1.21	1025.75	40.9	32.02	-1.26	1025.75	48.1	32.02	-1.26	1025.75
31.8	32.03	-1.21	1025.75	41.0	32.02	-1.26	1025.75	48.2	32.02	-1.26	1025.75
31.9	32.01	-1.21	1025.74	41.2	32.02	-1.26	1025.75	48.3	32.02	-1.26	1025.75
32.0	32.02	-1.21	1025.74	41.3	32.02	-1.26	1025.75	48.4	32.02	-1.26	1025.75
32.4	32.02	-1.23	1025.75	41.4	32.02	-1.26	1025.75	48.6	32.02	-1.26	1025.75
32.9	32.02	-1.23	1025.75	41.7	32.02	-1.26	1025.75	48.7	32.02	-1.26	1025.75
33.1	32.01	-1.23	1025.74	42.0	32.02	-1.26	1025.75	48.8	32.02	-1.26	1025.75
33.3	32.02	-1.24	1025.75	42.1	32.02	-1.26	1025.75	48.9	32.03	-1.26	1025.75
33.4	32.00	-1.24	1025.73	42.5	32.03	-1.26	1025.75	49.8	32.02	-1.26	1025.75
33.8	32.02	-1.24	1025.75	42.6	32.04	-1.26	1025.76	49.9	32.03	-1.26	1025.75
34.0	32.03	-1.25	1025.75	42.8	32.02	-1.26	1025.75	50.2	32.02	-1.26	1025.75
34.1	32.03	-1.25	1025.75	42.9	32.01	-1.26	1025.74	50.3	32.02	-1.26	1025.75

STATION: 87053 DATE: 13 August

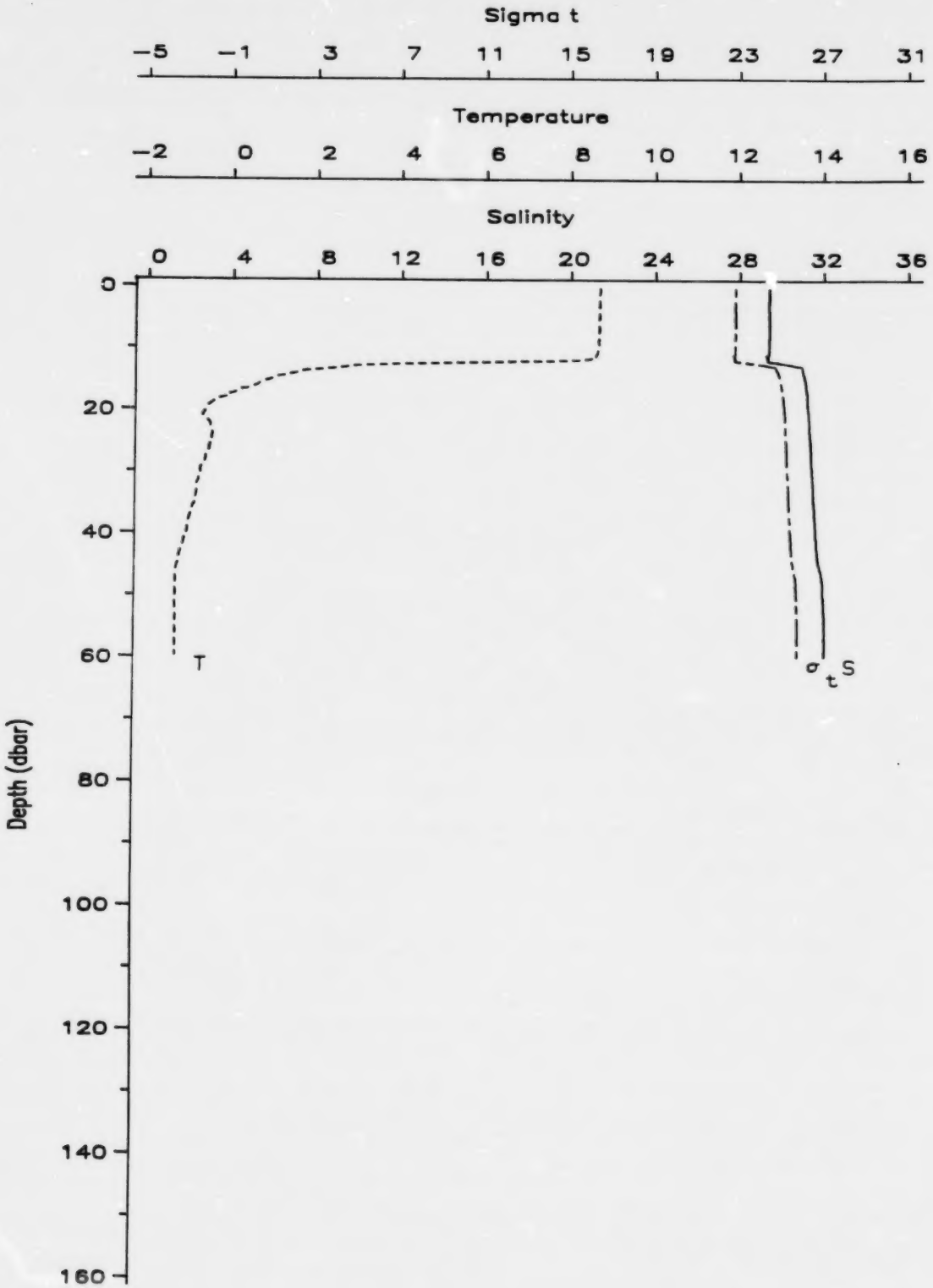

Table A1.37. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87053, August 13, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	29.40	8.67	1022.79	10.9	29.38	8.60	1022.78	21.9	31.31	-0.59	1025.15
0.4	29.39	8.67	1022.78	11.1	29.25	8.58	1022.68	22.0	31.30	-0.57	1025.14
0.5	29.39	8.67	1022.78	11.2	29.32	8.57	1022.74	22.3	31.30	-0.54	1025.14
0.7	29.39	8.67	1022.78	11.4	29.32	8.57	1022.74	22.7	31.31	-0.54	1025.15
0.9	29.40	8.67	1022.79	11.5	29.28	8.55	1022.71	23.0	31.31	-0.52	1025.15
1.3	29.39	8.66	1022.78	11.7	29.31	8.45	1022.75	23.3	31.31	-0.50	1025.15
1.6	29.41	8.66	1022.79	11.9	29.30	8.31	1022.76	23.6	31.32	-0.50	1025.16
1.9	29.39	8.67	1022.78	12.1	29.42	7.49	1022.96	23.7	31.33	-0.49	1025.16
2.1	29.39	8.66	1022.78	12.2	29.78	6.68	1023.35	23.8	31.33	-0.48	1025.16
2.5	29.39	8.66	1022.78	12.6	30.45	3.98	1024.17	23.9	31.33	-0.48	1025.16
2.7	29.39	8.66	1022.78	12.9	30.96	2.90	1024.67	24.2	31.33	-0.50	1025.16
2.9	29.39	8.66	1022.78	13.3	30.98	2.45	1024.72	24.4	31.33	-0.51	1025.16
3.0	29.39	8.66	1022.78	13.6	30.96	2.00	1024.74	24.8	31.35	-0.50	1025.18
3.2	29.39	8.66	1022.78	13.7	31.01	1.73	1024.79	24.9	31.35	-0.51	1025.18
3.4	29.39	8.66	1022.78	14.0	31.00	1.54	1024.80	25.2	31.37	-0.54	1025.20
3.6	29.39	8.66	1022.78	14.2	31.02	1.40	1024.82	25.3	31.36	-0.54	1025.19
4.0	29.38	8.67	1022.77	14.4	31.07	1.29	1024.87	25.4	31.36	-0.54	1025.19
4.3	29.40	8.66	1022.79	14.7	31.07	1.05	1024.88	25.5	31.38	-0.55	1025.21
4.7	29.39	8.66	1022.78	15.0	31.09	0.95	1024.91	25.8	31.37	-0.55	1025.20
4.8	29.39	8.66	1022.78	15.1	31.10	0.89	1024.92	25.9	31.37	-0.56	1025.20
5.0	29.39	8.66	1022.78	15.3	31.12	0.81	1024.94	26.0	31.38	-0.57	1025.21
5.1	29.38	8.67	1022.77	15.4	31.12	0.72	1024.94	26.3	31.38	-0.57	1025.21
5.2	29.37	8.66	1022.76	15.6	31.12	0.67	1024.94	26.5	31.38	-0.57	1025.21
5.4	29.40	8.65	1022.79	15.9	31.14	0.59	1024.96	26.6	31.40	-0.59	1025.22
5.7	29.39	8.65	1022.78	16.2	31.13	0.51	1024.96	26.8	31.39	-0.59	1025.22
6.0	29.39	8.65	1022.78	16.5	31.15	0.40	1024.98	27.0	31.39	-0.60	1025.22
6.2	29.39	8.65	1022.78	16.8	31.17	0.15	1025.01	27.3	31.40	-0.65	1025.23
6.3	29.40	8.65	1022.79	17.3	31.19	0.03	1025.03	27.5	31.40	-0.65	1025.23
6.6	29.41	8.65	1022.80	17.5	31.22	-0.08	1025.06	27.7	31.40	-0.65	1025.23
7.1	29.39	8.65	1022.78	17.8	31.21	-0.14	1025.05	27.8	31.40	-0.64	1025.23
7.3	29.40	8.65	1022.79	17.9	31.19	-0.12	1025.04	27.9	31.40	-0.65	1025.23
7.4	29.39	8.65	1022.78	18.0	31.20	-0.16	1025.05	28.3	31.41	-0.66	1025.23
7.8	29.40	8.65	1022.79	18.2	31.21	-0.30	1025.06	28.8	31.42	-0.68	1025.24
7.9	29.39	8.64	1022.78	18.4	31.20	-0.39	1025.05	29.0	31.41	-0.70	1025.24
8.2	29.39	8.65	1022.78	18.8	31.22	-0.47	1025.07	29.2	31.42	-0.73	1025.24
8.3	29.39	8.65	1022.78	19.1	31.22	-0.53	1025.08	29.5	31.43	-0.78	1025.25
8.5	29.39	8.65	1022.78	19.4	31.23	-0.59	1025.09	29.6	31.42	-0.77	1025.25
8.6	29.39	8.65	1022.78	19.9	31.25	-0.63	1025.10	29.7	31.43	-0.77	1025.25
8.8	29.40	8.63	1022.79	20.1	31.24	-0.62	1025.10	29.9	31.44	-0.78	1025.26
9.0	29.40	8.63	1022.79	20.2	31.27	-0.64	1025.12	30.0	31.43	-0.77	1025.25
9.3	29.39	8.65	1022.78	20.4	31.27	-0.68	1025.12	30.1	31.43	-0.77	1025.25
9.5	29.38	8.65	1022.77	20.5	31.26	-0.67	1025.11	30.4	31.44	-0.77	1025.26
9.8	29.37	8.64	1022.77	20.6	31.28	-0.70	1025.13	30.5	31.44	-0.79	1025.26
10.1	29.38	8.63	1022.78	21.0	31.28	-0.73	1025.13	30.7	31.46	-0.79	1025.28
10.4	29.38	8.62	1022.78	21.4	31.29	-0.64	1025.14	30.9	31.46	-0.79	1025.28
10.8	29.38	8.61	1022.78	21.5	31.27	-0.63	1025.12	31.2	31.46	-0.81	1025.28

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Table A1.37. Station 87053 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
31.5	31.46	-0.81	1025.28	40.3	31.61	-1.12	1025.41	50.6	31.98	-1.34	1025.72
31.8	31.47	-0.84	1025.29	40.6	31.61	-1.13	1025.41	50.7	31.98	-1.34	1025.72
32.1	31.48	-0.86	1025.30	40.7	31.61	-1.13	1025.41	50.9	31.97	-1.34	1025.71
32.3	31.48	-0.86	1025.30	40.8	31.62	-1.14	1025.42	51.1	31.99	-1.34	1025.72
32.4	31.49	-0.87	1025.31	41.1	31.64	-1.15	1025.43	51.3	32.00	-1.34	1025.73
32.6	31.48	-0.86	1025.30	41.6	31.65	-1.16	1025.44	51.7	31.99	-1.34	1025.72
32.8	31.49	-0.86	1025.30	41.9	31.65	-1.18	1025.44	52.1	32.01	-1.33	1025.74
33.1	31.49	-0.86	1025.30	42.2	31.65	-1.20	1025.44	52.6	32.02	-1.33	1025.75
33.3	31.49	-0.86	1025.30	42.6	31.67	-1.20	1025.46	52.7	32.02	-1.33	1025.75
33.7	31.50	-0.87	1025.31	42.8	31.68	-1.22	1025.47	53.2	32.02	-1.33	1025.75
33.8	31.50	-0.87	1025.31	43.1	31.68	-1.24	1025.47	53.4	32.04	-1.33	1025.76
34.1	31.50	-0.88	1025.31	43.3	31.69	-1.25	1025.48	53.5	32.03	-1.32	1025.76
34.4	31.51	-0.88	1025.32	43.4	31.69	-1.25	1025.48	53.7	32.04	-1.33	1025.76
34.5	31.50	-0.89	1025.31	43.7	31.70	-1.26	1025.49	53.8	32.04	-1.33	1025.76
34.7	31.51	-0.89	1025.32	43.9	31.71	-1.27	1025.49	53.9	32.02	-1.33	1025.75
34.8	31.51	-0.89	1025.32	44.0	31.71	-1.27	1025.49	54.1	32.04	-1.33	1025.76
35.0	31.52	-0.90	1025.33	44.2	31.71	-1.27	1025.49	54.3	32.03	-1.32	1025.76
35.4	31.52	-0.91	1025.33	44.3	31.72	-1.28	1025.50	54.4	32.05	-1.33	1025.77
35.5	31.53	-0.93	1025.34	44.4	31.73	-1.27	1025.51	54.7	32.03	-1.32	1025.76
35.9	31.54	-0.96	1025.35	44.5	31.73	-1.27	1025.51	54.9	32.04	-1.33	1025.76
36.3	31.56	-0.96	1025.36	44.7	31.73	-1.27	1025.51	55.3	32.04	-1.33	1025.76
36.4	31.54	-0.97	1025.35	45.0	31.78	-1.30	1025.55	55.8	32.04	-1.33	1025.76
36.7	31.55	-0.98	1025.36	45.7	31.81	-1.32	1025.58	56.1	32.04	-1.33	1025.76
36.8	31.55	-0.99	1025.36	45.9	31.85	-1.33	1025.61	56.5	32.04	-1.33	1025.76
36.9	31.55	-1.00	1025.36	46.4	31.88	-1.33	1025.63	56.7	32.04	-1.33	1025.76
37.0	31.55	-1.00	1025.36	46.8	31.89	-1.34	1025.64	56.9	32.04	-1.32	1025.76
37.1	31.57	-1.00	1025.37	47.0	31.92	-1.34	1025.67	57.1	32.04	-1.32	1025.76
37.3	31.55	-1.02	1025.36	47.1	31.91	-1.34	1025.66	57.2	32.04	-1.33	1025.76
37.5	31.56	-1.02	1025.37	47.2	31.92	-1.34	1025.67	57.4	32.05	-1.33	1025.77
37.8	31.57	-1.03	1025.37	47.4	31.92	-1.34	1025.67	57.6	32.04	-1.32	1025.76
38.0	31.59	-1.04	1025.39	47.6	31.92	-1.34	1025.67	57.9	32.04	-1.33	1025.76
38.2	31.57	-1.05	1025.38	48.0	31.95	-1.33	1025.69	58.1	32.04	-1.33	1025.76
38.7	31.58	-1.06	1025.38	48.4	31.93	-1.34	1025.67	58.3	32.04	-1.32	1025.76
39.2	31.60	-1.07	1025.40	48.6	31.95	-1.34	1025.69	58.7	32.04	-1.32	1025.76
39.5	31.59	-1.07	1025.39	49.0	31.95	-1.34	1025.69	59.0	32.04	-1.33	1025.76
39.6	31.59	-1.07	1025.39	49.2	31.96	-1.34	1025.70	59.2	32.04	-1.32	1025.76
39.7	31.61	-1.09	1025.41	49.6	31.96	-1.34	1025.70	59.3	32.04	-1.33	1025.76
40.0	31.61	-1.09	1025.41	50.0	31.97	-1.34	1025.71	59.4	32.03	-1.32	1025.76
40.1	31.61	-1.10	1025.41	50.2	31.97	-1.34	1025.71	59.6	32.03	-1.33	1025.76
40.2	31.60	-1.11	1025.40	50.4	31.98	-1.34	1025.72	59.7	32.04	-1.32	1025.76

STATION: 87073 DATE: 16 August

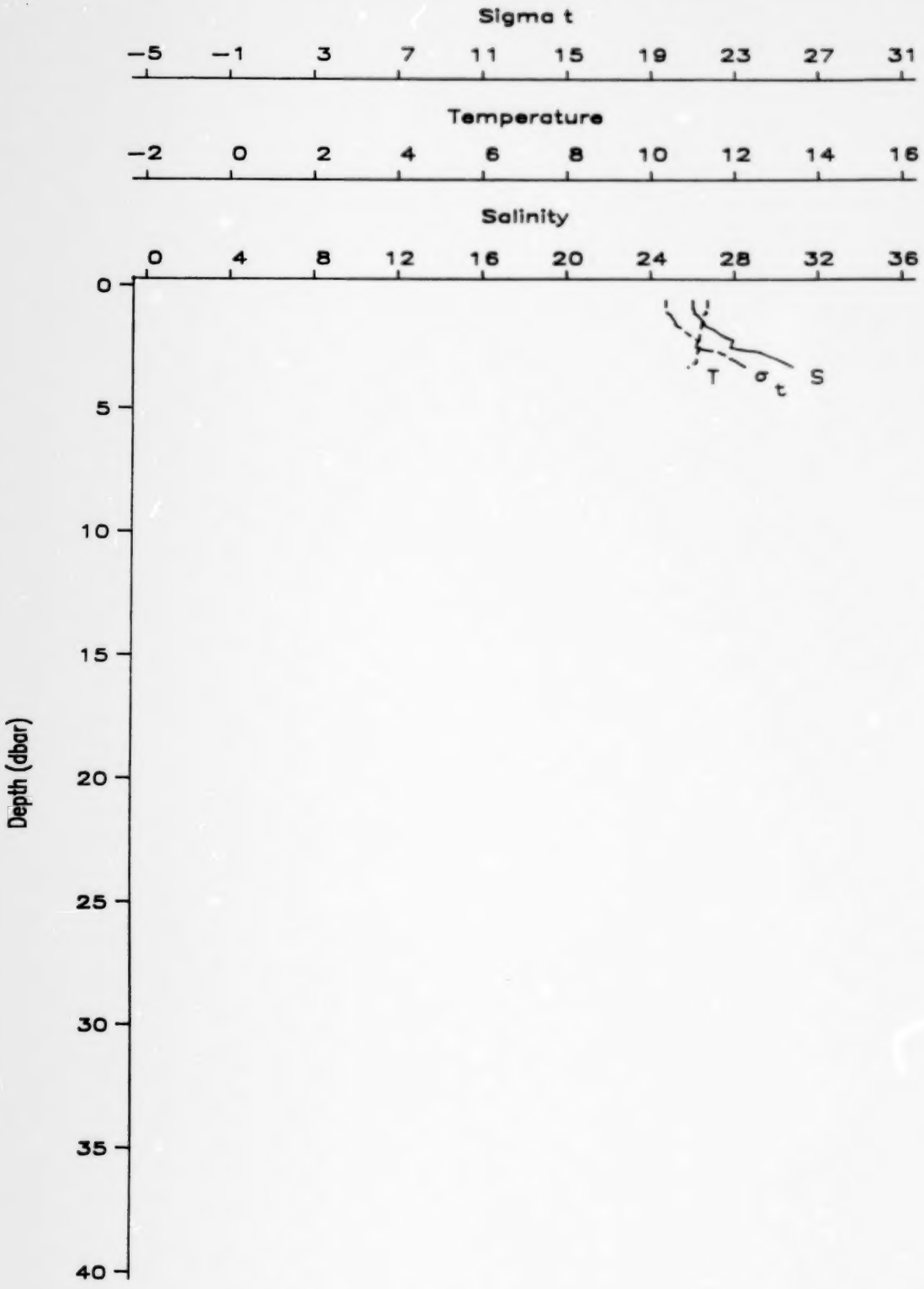

Table A1.38. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87073, August 16, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	26.03	11.36	1019.74	1.6	26.58	11.22	1020.19	2.5	27.82	11.15	1021.17
0.9	26.03	11.36	1019.74	1.8	27.08	11.17	1020.59	2.6	28.27	11.14	1021.52
1.0	26.11	11.30	1019.81	2.0	27.40	11.16	1020.84	2.7	29.24	11.11	1022.28
1.1	26.09	11.34	1019.79	2.1	27.63	11.17	1021.02	3.1	30.36	11.08	1023.15
1.2	26.27	11.23	1019.95	2.2	27.94	11.17	1021.26	3.3	30.80	10.89	1023.53
1.5	26.58	11.21	1020.19	2.3	27.91	11.17	1021.23				

STATION: 87054 DATE: 17 August

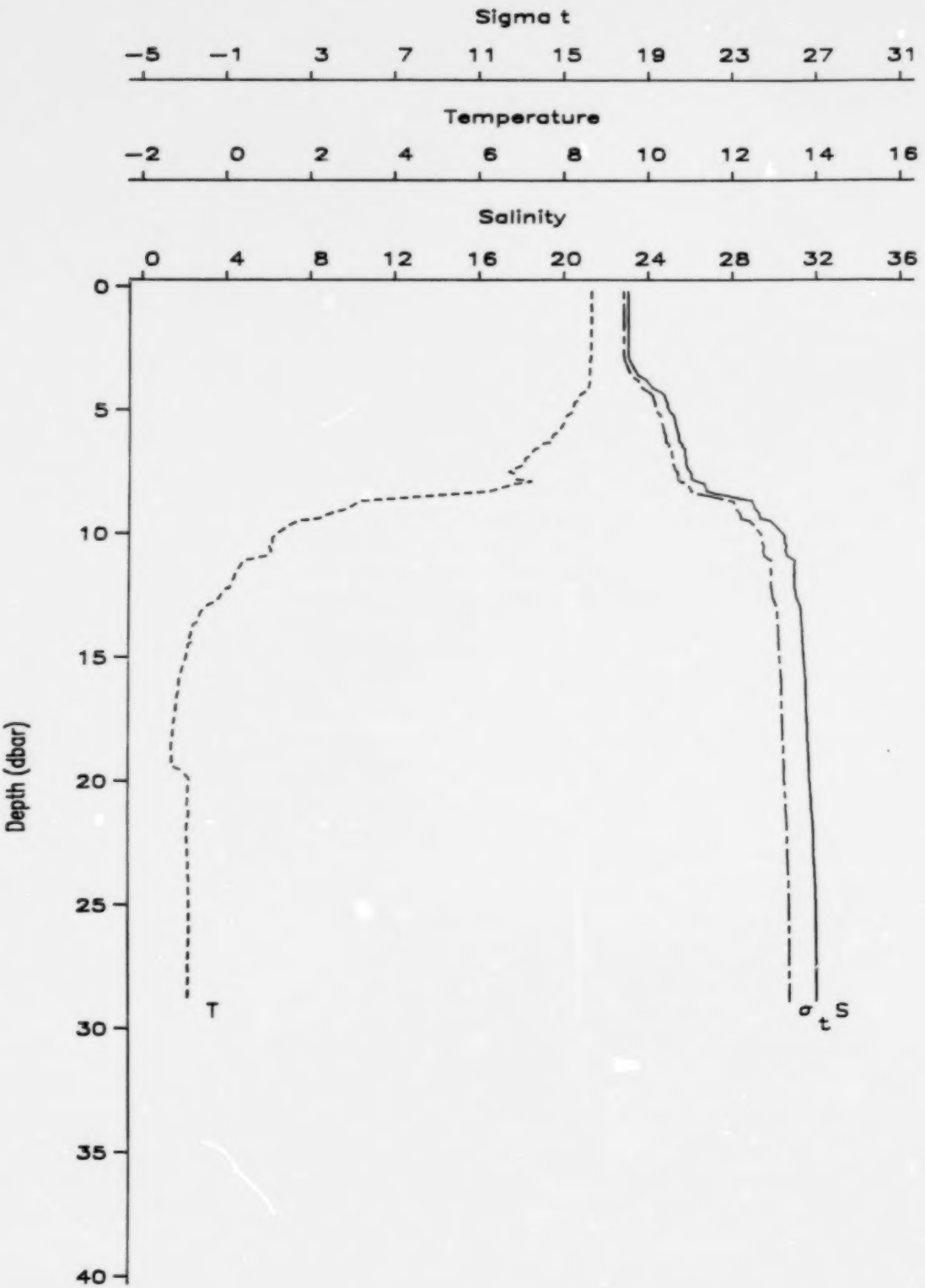

Table A1.39. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87054, August 17, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	23.06	8.65	1017.83	7.5	25.98	6.69	1020.36	15.0	31.43	-0.94	1025.26
0.4	23.05	8.65	1017.83	7.6	26.05	6.82	1020.40	15.2	31.45	-0.98	1025.28
0.5	23.05	8.65	1017.83	7.8	26.05	6.84	1020.40	15.5	31.48	-1.04	1025.30
0.7	23.05	8.65	1017.83	7.9	26.27	7.23	1020.52	15.8	31.50	-1.09	1025.32
1.0	23.06	8.65	1017.83	8.0	26.64	6.84	1020.86	15.9	31.52	-1.11	1025.34
1.1	23.06	8.65	1017.83	8.3	26.80	6.24	1021.05	16.0	31.52	-1.11	1025.34
1.2	23.05	8.65	1017.83	8.4	27.15	5.51	1021.41	16.2	31.52	-1.12	1025.34
1.4	23.06	8.65	1017.83	8.5	27.79	4.75	1021.99	16.3	31.52	-1.12	1025.34
1.5	23.06	8.65	1017.83	8.6	28.29	4.04	1022.45	16.4	31.52	-1.12	1025.34
1.6	23.06	8.64	1017.83	8.7	28.94	3.15	1023.04	16.5	31.52	-1.14	1025.34
1.9	23.06	8.65	1017.83	9.0	29.08	2.89	1023.17	16.6	31.54	-1.16	1025.35
2.0	23.06	8.64	1017.83	9.2	29.27	2.46	1023.35	17.0	31.55	-1.18	1025.36
2.1	23.07	8.64	1017.84	9.4	29.33	2.18	1023.42	17.1	31.54	-1.18	1025.35
2.2	23.07	8.64	1017.84	9.5	29.80	1.69	1023.83	17.3	31.57	-1.21	1025.38
2.3	23.05	8.64	1017.83	9.8	30.16	1.38	1024.13	17.4	31.58	-1.22	1025.39
2.6	23.06	8.64	1017.83	10.0	30.39	1.22	1024.33	17.6	31.58	-1.23	1025.39
2.8	23.06	8.64	1017.83	10.1	30.50	1.14	1024.42	17.7	31.60	-1.25	1025.40
3.0	23.12	8.62	1017.88	10.2	30.52	1.09	1024.44	17.9	31.60	-1.25	1025.40
3.2	23.25	8.60	1017.99	10.4	30.51	1.09	1024.43	18.0	31.60	-1.26	1025.41
3.3	23.29	8.61	1018.02	10.5	30.60	1.01	1024.51	18.1	31.60	-1.26	1025.41
3.4	23.37	8.62	1018.08	10.7	30.54	1.07	1024.46	18.4	31.61	-1.27	1025.41
3.6	23.52	8.60	1018.20	10.9	30.63	0.97	1024.53	18.5	31.65	-1.29	1025.45
3.8	23.92	8.61	1018.51	11.0	30.78	0.72	1024.67	18.8	31.66	-1.29	1025.45
4.1	24.19	8.58	1018.72	11.1	30.99	0.40	1024.85	19.0	31.68	-1.27	1025.47
4.3	24.63	8.46	1019.08	11.3	30.95	0.34	1024.82	19.1	31.67	-1.28	1025.46
4.4	24.77	8.38	1019.20	11.5	30.96	0.26	1024.83	19.2	31.68	-1.28	1025.47
4.6	24.84	8.33	1019.27	11.6	30.99	0.24	1024.86	19.4	31.68	-1.26	1025.47
4.7	24.90	8.25	1019.32	11.7	30.94	0.19	1024.82	19.6	31.70	-1.05	1025.48
4.8	24.92	8.23	1019.34	11.8	30.97	0.19	1024.85	19.9	31.70	-0.87	1025.48
4.9	24.91	8.22	1019.33	12.0	30.96	0.11	1024.84	20.0	31.71	-0.88	1025.48
5.1	25.05	8.18	1019.45	12.2	30.96	0.08	1024.84	20.1	31.73	-0.89	1025.50
5.2	25.18	8.10	1019.56	12.3	31.01	-0.07	1024.89	20.2	31.75	-0.89	1025.52
5.3	25.25	8.04	1019.62	12.6	31.06	-0.16	1024.93	20.3	31.76	-0.89	1025.52
5.5	25.28	8.00	1019.65	12.7	31.11	-0.22	1024.98	20.6	31.79	-0.89	1025.55
5.7	25.34	7.94	1019.71	12.8	31.17	-0.30	1025.03	20.7	31.80	-0.90	1025.56
5.9	25.40	7.86	1019.76	12.9	31.23	-0.43	1025.08	21.0	31.82	-0.91	1025.57
6.0	25.45	7.75	1019.82	13.2	31.30	-0.61	1025.14	21.1	31.82	-0.90	1025.57
6.2	25.48	7.70	1019.85	13.6	31.32	-0.70	1025.16	21.2	31.81	-0.88	1025.56
6.3	25.49	7.70	1019.85	13.7	31.32	-0.78	1025.16	21.3	31.84	-0.86	1025.59
6.4	25.62	7.49	1019.98	13.9	31.36	-0.81	1025.20	21.4	31.86	-0.88	1025.61
6.5	25.63	7.45	1019.99	14.1	31.35	-0.84	1025.19	21.6	31.88	-0.89	1025.62
6.6	25.74	7.30	1020.10	14.3	31.38	-0.88	1025.22	21.7	31.89	-0.91	1025.63
6.9	25.77	7.15	1020.14	14.4	31.34	-0.81	1025.18	21.8	31.89	-0.92	1025.63
7.0	25.81	7.07	1020.18	14.5	31.40	-0.90	1025.23	22.1	31.91	-0.92	1025.65
7.2	25.79	7.05	1020.17	14.8	31.41	-0.92	1025.24	22.3	31.91	-0.92	1025.65
7.4	25.88	6.83	1020.26	14.9	31.42	-0.93	1025.25	22.4	31.92	-0.91	1025.65

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Table A1.39. Station 87054 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
22.6	31.92	-0.90	1025.65	24.6	32.03	-0.86	1025.74	27.0	32.08	-0.87	1025.78
22.8	31.93	-0.90	1025.66	24.8	32.04	-0.86	1025.75	27.1	32.06	-0.88	1025.77
22.9	31.92	-0.90	1025.65	25.0	32.04	-0.87	1025.75	27.2	32.08	-0.88	1025.78
23.1	31.92	-0.89	1025.65	25.1	32.05	-0.86	1025.76	27.4	32.09	-0.89	1025.79
23.2	31.96	-0.88	1025.69	25.3	32.04	-0.86	1025.75	27.6	32.08	-0.89	1025.78
23.3	31.94	-0.88	1025.67	25.5	32.06	-0.86	1025.77	27.7	32.08	-0.88	1025.78
23.4	31.96	-0.88	1025.69	25.8	32.05	-0.86	1025.76	27.8	32.08	-0.88	1025.78
23.5	31.98	-0.89	1025.70	25.9	32.06	-0.86	1025.77	28.0	32.06	-0.88	1025.77
23.7	31.99	-0.89	1025.71	26.0	32.05	-0.86	1025.76	28.2	32.09	-0.89	1025.79
23.9	31.99	-0.87	1025.71	26.1	32.06	-0.86	1025.77	28.4	32.08	-0.88	1025.78
24.0	32.01	-0.86	1025.73	26.3	32.06	-0.87	1025.77	28.5	32.09	-0.88	1025.79
24.2	32.01	-0.87	1025.73	26.4	32.06	-0.87	1025.77	28.6	32.08	-0.88	1025.78
24.3	32.03	-0.88	1025.74	26.7	32.07	-0.88	1025.78	28.7	32.08	-0.89	1025.78
24.4	32.02	-0.87	1025.73	26.9	32.06	-0.87	1025.77	28.9	32.08	-0.89	1025.78

STATION: 87055 DATE: 17 August

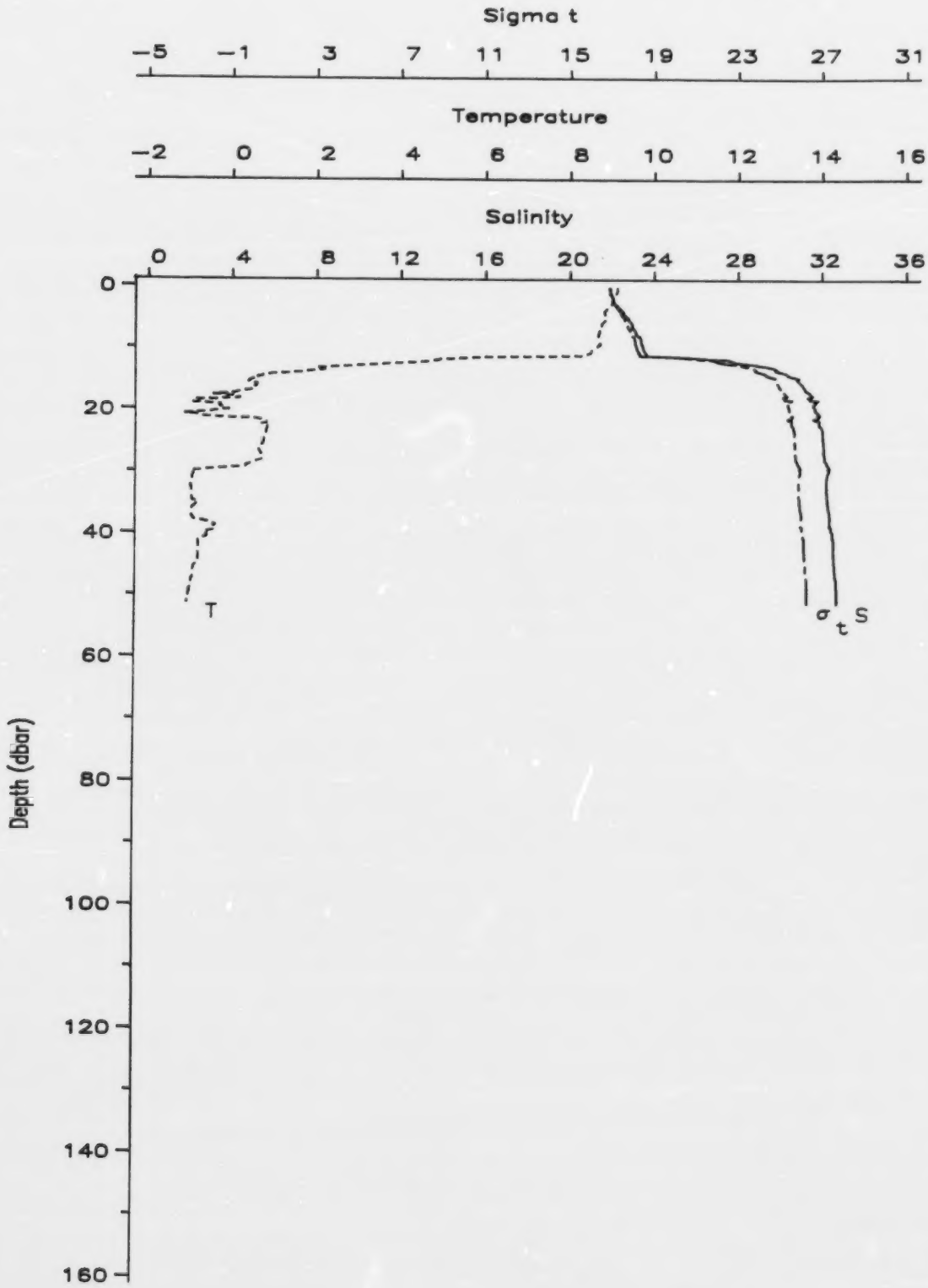

Table A1.40. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87055, August 17, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	21.91	9.12	1016.87	8.5	23.35	8.67	1018.06	16.3	31.15	0.55	1024.97
0.4	21.91	9.12	1016.87	8.7	23.38	8.68	1018.08	16.4	31.18	0.51	1025.00
0.5	21.90	9.12	1016.87	8.8	23.38	8.68	1018.08	16.5	31.21	0.49	1025.03
0.6	21.91	9.12	1016.87	9.0	23.39	8.69	1018.09	16.7	31.22	0.50	1025.03
0.9	21.93	9.10	1016.89	9.2	23.38	8.70	1018.08	16.8	31.23	0.52	1025.04
1.0	21.92	9.10	1016.88	9.3	23.40	8.69	1018.09	16.9	31.32	0.45	1025.12
1.3	21.94	9.07	1016.90	9.4	23.38	8.71	1018.08	17.2	31.41	0.17	1025.20
1.4	21.96	9.04	1016.92	9.5	23.43	8.70	1018.12	17.3	31.45	0.08	1025.24
1.5	21.96	9.02	1016.93	9.6	23.44	8.66	1018.13	17.5	31.48	0.00	1025.27
1.7	22.01	9.01	1016.97	9.8	23.46	8.64	1018.15	17.7	31.58	-0.46	1025.36
2.0	22.02	9.01	1016.97	10.0	23.47	8.59	1018.16	17.8	31.45	-0.23	1025.25
2.3	22.04	9.00	1016.99	10.3	23.49	8.54	1018.18	17.9	31.33	0.00	1025.14
2.5	22.07	9.00	1017.02	10.5	23.53	8.49	1018.22	18.2	31.43	0.18	1025.22
2.6	22.09	8.99	1017.03	10.6	23.55	8.49	1018.24	18.3	31.45	0.15	1025.23
2.9	22.12	8.98	1017.06	10.7	23.57	8.49	1018.25	18.4	31.84	-0.29	1025.57
3.1	22.22	8.94	1017.14	10.9	23.58	8.47	1018.26	18.5	31.63	-0.39	1025.40
3.2	22.26	8.92	1017.17	11.0	23.64	8.41	1018.32	18.6	31.73	-0.93	1025.50
3.5	22.31	8.89	1017.22	11.3	23.60	8.34	1018.29	19.0	31.65	-0.96	1025.44
3.6	22.33	8.87	1017.23	11.5	25.58	5.97	1020.12	19.1	31.57	-0.60	1025.36
3.7	22.40	8.85	1017.29	11.8	26.83	5.26	1021.18	19.3	31.58	-0.29	1025.36
3.9	22.41	8.84	1017.30	11.9	27.56	4.91	1021.79	19.5	31.63	-0.31	1025.40
4.0	22.45	8.82	1017.33	12.0	27.62	4.87	1021.84	19.6	31.66	-0.31	1025.42
4.1	22.50	8.80	1017.38	12.1	27.75	4.77	1021.96	19.7	31.67	-0.26	1025.43
4.2	22.52	8.79	1017.39	12.2	27.80	4.70	1022.00	20.0	31.65	-0.12	1025.41
4.3	22.54	8.80	1017.41	12.4	28.06	4.42	1022.23	20.1	31.70	-0.09	1025.45
4.5	22.54	8.81	1017.41	12.5	28.36	4.12	1022.50	20.4	31.80	-0.46	1025.54
4.7	22.58	8.81	1017.44	12.7	28.87	3.56	1022.95	20.5	31.81	-0.53	1025.55
4.8	22.61	8.82	1017.46	13.0	29.46	2.82	1023.48	20.8	31.91	-1.14	1025.65
5.1	22.73	8.82	1017.55	13.2	29.70	2.29	1023.71	20.9	31.77	-0.88	1025.53
5.2	22.77	8.83	1017.58	13.3	29.79	2.02	1023.80	21.1	31.84	-0.80	1025.59
5.3	22.78	8.83	1017.59	13.5	29.86	2.07	1023.85	21.2	31.80	-0.73	1025.55
5.5	22.78	8.83	1017.59	13.6	29.79	2.19	1023.79	21.4	31.59	-0.28	1025.37
6.1	22.93	8.74	1017.72	13.7	29.90	2.04	1023.89	21.5	31.64	0.47	1025.37
6.2	22.95	8.73	1017.74	14.0	30.28	1.62	1024.22	21.7	31.86	0.66	1025.54
6.4	22.95	8.73	1017.74	14.2	30.36	1.24	1024.30	22.0	31.85	0.74	1025.53
6.6	22.95	8.73	1017.74	14.3	30.38	0.91	1024.34	22.1	31.86	0.79	1025.53
6.7	22.98	8.73	1017.76	14.6	30.63	0.70	1024.55	22.2	31.84	0.81	1025.52
6.8	23.00	8.73	1017.78	14.7	30.76	0.69	1024.65	22.5	31.87	0.68	1025.55
7.1	23.07	8.69	1017.84	14.8	30.91	0.58	1024.78	22.6	31.95	0.75	1025.61
7.2	23.10	8.68	1017.86	15.0	30.82	0.60	1024.71	22.8	31.99	0.82	1025.64
7.3	23.10	8.68	1017.86	15.2	30.88	0.44	1024.76	23.1	32.01	0.83	1025.65
7.5	23.13	8.68	1017.88	15.4	30.94	0.40	1024.81	23.3	32.04	0.80	1025.68
7.7	23.14	8.67	1017.89	15.6	31.00	0.36	1024.86	23.5	32.05	0.78	1025.69
7.8	23.15	8.66	1017.90	15.8	31.05	0.49	1024.90	23.6	32.02	0.79	1025.66
8.1	23.22	8.65	1017.96	15.9	31.08	0.58	1024.92	23.7	32.04	0.79	1025.68
8.2	23.32	8.66	1018.03	16.1	31.12	0.57	1024.95	23.8	32.04	0.79	1025.68

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Table A1.40. Station 87055 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
24.0	32.05	0.79	1025.69	31.8	32.19	-0.97	1025.88	39.5	32.43	-0.40	1026.05
24.1	32.05	0.78	1025.69	32.0	32.20	-1.00	1025.88	39.6	32.47	-0.45	1026.08
24.3	32.05	0.78	1025.69	32.2	32.21	-1.00	1025.89	39.7	32.49	-0.54	1026.10
24.6	32.05	0.76	1025.69	32.5	32.21	-1.01	1025.89	39.9	32.50	-0.63	1026.11
24.7	32.06	0.75	1025.70	32.6	32.22	-0.99	1025.90	40.1	32.49	-0.69	1026.11
24.8	32.06	0.73	1025.70	32.7	32.20	-0.99	1025.88	40.3	32.48	-0.61	1026.10
25.1	32.06	0.73	1025.70	33.0	32.21	-0.99	1025.89	40.5	32.47	-0.60	1026.09
25.3	32.07	0.73	1025.71	33.2	32.20	-0.99	1025.88	40.6	32.48	-0.61	1026.10
25.4	32.06	0.71	1025.70	33.4	32.23	-1.01	1025.91	40.7	32.47	-0.61	1026.09
25.5	32.08	0.70	1025.71	33.6	32.22	-1.00	1025.90	40.8	32.53	-0.67	1026.14
25.7	32.09	0.69	1025.72	33.8	32.22	-0.99	1025.90	41.1	32.54	-0.78	1026.15
25.9	32.06	0.67	1025.70	33.9	32.22	-0.99	1025.90	41.2	32.52	-0.82	1026.14
26.0	32.07	0.65	1025.71	34.1	32.21	-0.98	1025.89	41.6	32.53	-0.82	1026.15
26.3	32.10	0.60	1025.74	34.2	32.23	-0.98	1025.91	41.7	32.54	-0.82	1026.15
26.4	32.08	0.61	1025.72	34.3	32.23	-0.96	1025.91	41.8	32.54	-0.82	1026.15
26.7	32.07	0.62	1025.71	34.4	32.24	-0.96	1025.92	42.1	32.52	-0.81	1026.14
26.8	32.06	0.63	1025.70	34.7	32.26	-0.97	1025.93	42.3	32.53	-0.82	1026.15
26.9	32.07	0.63	1025.71	34.8	32.23	-0.95	1025.91	42.6	32.54	-0.82	1026.15
27.0	32.07	0.65	1025.71	35.0	32.23	-0.82	1025.90	42.8	32.54	-0.82	1026.15
27.2	32.11	0.66	1025.74	35.2	32.26	-0.81	1025.93	42.9	32.52	-0.82	1026.14
27.4	32.11	0.71	1025.74	35.3	32.27	-0.82	1025.94	43.1	32.54	-0.82	1026.15
27.5	32.13	0.72	1025.75	35.4	32.30	-0.87	1025.96	43.2	32.55	-0.83	1026.16
27.8	32.12	0.73	1025.75	35.5	32.28	-0.88	1025.95	43.3	32.54	-0.82	1026.15
27.9	32.13	0.73	1025.75	35.8	32.28	-0.91	1025.95	43.7	32.54	-0.82	1026.15
28.0	32.12	0.73	1025.75	35.9	32.29	-0.95	1025.96	43.8	32.54	-0.82	1026.15
28.1	32.13	0.70	1025.75	36.0	32.30	-0.96	1025.96	43.9	32.56	-0.82	1026.17
28.5	32.23	0.55	1025.84	36.2	32.31	-0.97	1025.97	44.0	32.55	-0.82	1026.16
28.7	32.21	0.46	1025.83	36.3	32.32	-0.96	1025.98	44.3	32.56	-0.83	1026.17
28.9	32.27	0.37	1025.88	36.4	32.33	-0.97	1025.99	44.4	32.55	-0.82	1026.16
29.1	32.33	0.30	1025.94	36.6	32.34	-0.98	1026.00	44.5	32.57	-0.82	1026.18
29.3	32.34	0.31	1025.94	36.8	32.35	-0.98	1026.01	44.7	32.56	-0.81	1026.17
29.4	32.38	0.15	1025.98	37.0	32.35	-0.98	1026.01	44.8	32.55	-0.82	1026.16
29.5	32.27	-0.08	1025.91	37.1	32.35	-0.97	1026.00	44.9	32.57	-0.82	1026.18
29.8	32.33	-0.53	1025.97	37.3	32.37	-0.98	1026.02	45.0	32.57	-0.83	1026.18
30.0	32.29	-0.89	1025.95	37.4	32.35	-0.97	1026.00	45.3	32.60	-0.90	1026.21
30.1	32.28	-0.96	1025.95	37.5	32.35	-0.96	1026.00	45.4	32.61	-0.92	1026.21
30.2	32.26	-0.98	1025.93	37.6	32.37	-0.96	1026.02	45.6	32.57	-0.93	1026.18
30.4	32.23	-0.91	1025.91	37.7	32.35	-0.93	1026.00	45.8	32.58	-0.93	1026.19
30.5	32.24	-0.95	1025.92	37.9	32.36	-0.91	1026.01	45.9	32.57	-0.94	1026.18
30.6	32.25	-0.93	1025.92	38.1	32.34	-0.71	1025.99	46.1	32.59	-0.95	1026.20
30.7	32.21	-0.95	1025.89	38.5	32.34	-0.50	1025.98	46.3	32.60	-0.95	1026.21
31.0	32.20	-0.97	1025.88	38.8	32.34	-0.40	1025.98	46.4	32.61	-0.95	1026.21
31.2	32.20	-0.96	1025.88	38.9	32.43	-0.46	1026.05	46.6	32.61	-0.95	1026.21
31.3	32.21	-0.95	1025.89	39.0	32.43	-0.44	1026.05	46.8	32.61	-0.94	1026.21
31.5	32.20	-0.98	1025.88	39.1	32.40	-0.40	1026.02	46.9	32.61	-0.94	1026.21
31.6	32.21	-0.98	1025.89	39.2	32.41	-0.41	1026.03	47.0	32.61	-0.94	1026.21

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Table A1.40. Station 87055 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
47.1	32.64	-0.95	1026.24	48.6	32.66	-1.00	1026.26	50.2	32.67	-1.05	1026.27
47.2	32.64	-0.95	1026.24	48.9	32.67	-1.00	1026.27	50.5	32.69	-1.07	1026.28
47.4	32.66	-0.96	1026.26	49.0	32.69	-1.02	1026.28	50.6	32.69	-1.07	1026.28
47.5	32.66	-0.98	1026.26	49.1	32.69	-1.03	1026.28	50.7	32.69	-1.07	1026.28
47.6	32.66	-0.99	1026.26	49.3	32.68	-1.04	1026.27	50.8	32.68	-1.08	1026.28
47.9	32.67	-0.99	1026.26	49.5	32.69	-1.04	1026.28	51.0	32.68	-1.08	1026.28
48.0	32.66	-0.99	1026.26	49.6	32.69	-1.04	1026.28	51.1	32.68	-1.07	1026.28
48.1	32.66	-0.99	1026.26	49.7	32.68	-1.04	1026.27	51.2	32.69	-1.08	1026.28
48.4	32.66	-1.00	1026.26	49.8	32.67	-1.04	1026.27	51.3	32.70	-1.08	1026.29
48.5	32.67	-1.00	1026.27	50.0	32.69	-1.05	1026.28				

STATION: 87056 DATE: 17 August

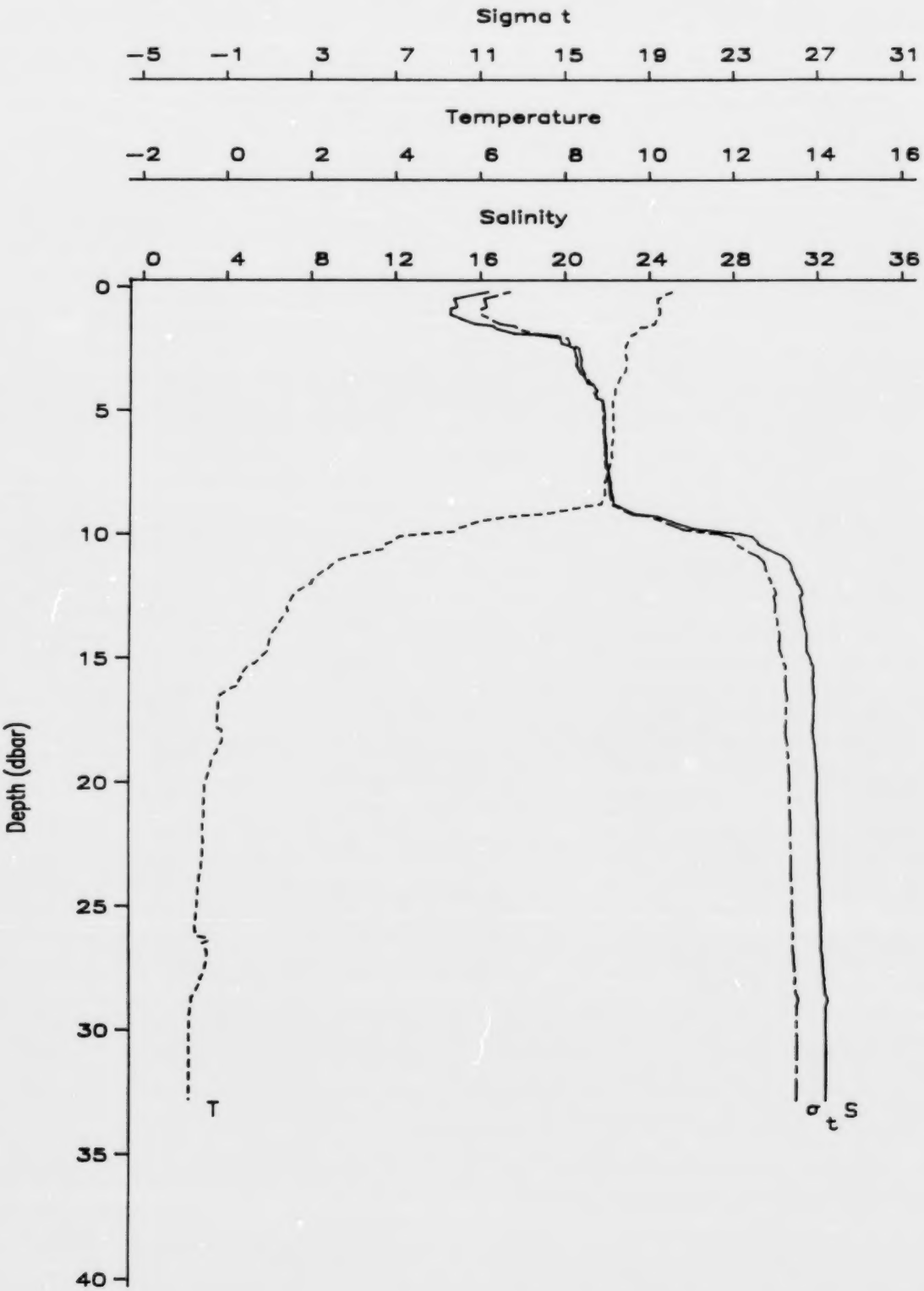

Table A1.41. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87056, August 17, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	16.36	10.54	1012.37	7.2	21.98	9.05	1016.94	15.0	31.65	0.79	1025.36
0.5	14.74	10.20	1011.16	7.3	21.99	9.04	1016.95	15.2	31.71	0.68	1025.42
0.8	14.89	10.19	1011.28	7.4	22.05	9.00	1017.00	15.3	31.79	0.51	1025.49
0.9	14.58	10.25	1011.03	7.5	22.06	9.01	1017.01	15.6	31.82	0.38	1025.52
1.1	14.54	10.25	1011.00	7.8	22.12	8.96	1017.06	15.7	31.80	0.32	1025.51
1.3	15.06	10.16	1011.41	7.9	22.17	8.93	1017.10	15.8	31.75	0.35	1025.47
1.5	15.70	10.13	1011.91	8.1	22.19	8.92	1017.12	15.9	31.77	0.29	1025.49
1.6	16.62	10.02	1012.64	8.3	22.21	8.93	1017.13	16.1	31.79	0.29	1025.50
1.7	16.75	9.72	1012.78	8.4	22.22	8.93	1017.14	16.2	31.79	0.14	1025.51
1.9	17.61	9.66	1013.46	8.5	22.25	8.91	1017.17	16.4	31.80	-0.06	1025.53
2.0	19.10	9.55	1014.63	8.8	22.30	8.84	1017.22	16.5	31.84	-0.15	1025.56
2.1	19.76	9.51	1015.15	8.9	22.57	8.41	1017.48	16.7	31.83	-0.18	1025.56
2.3	19.85	9.47	1015.22	9.2	23.32	7.50	1018.18	16.8	31.79	-0.20	1025.52
2.4	20.20	9.43	1015.50	9.3	24.38	6.64	1019.11	17.1	31.78	-0.21	1025.52
2.5	20.42	9.43	1015.67	9.5	25.07	5.93	1019.72	17.2	31.77	-0.20	1025.51
2.8	20.51	9.44	1015.74	9.8	26.10	5.42	1020.59	17.3	31.77	-0.22	1025.51
2.9	20.57	9.46	1015.79	9.9	27.16	5.38	1021.43	17.5	31.79	-0.23	1025.53
3.0	20.55	9.45	1015.77	10.0	28.30	4.66	1022.40	17.7	31.74	-0.20	1025.48
3.1	20.54	9.45	1015.76	10.1	28.89	4.06	1022.92	17.8	31.77	-0.22	1025.51
3.2	20.54	9.45	1015.76	10.3	29.12	3.93	1023.12	17.9	31.74	-0.12	1025.48
3.4	20.67	9.43	1015.87	10.4	29.16	3.76	1023.16	18.0	31.76	-0.10	1025.50
3.5	20.74	9.40	1015.93	10.5	29.34	3.73	1023.31	18.2	31.79	-0.08	1025.52
3.6	20.89	9.32	1016.05	10.6	29.58	3.72	1023.50	18.4	31.83	-0.12	1025.55
3.9	21.07	9.25	1016.20	10.9	30.36	2.91	1024.19	18.5	31.86	-0.15	1025.58
4.0	21.35	9.21	1016.43	11.1	30.64	2.60	1024.44	18.6	31.86	-0.21	1025.58
4.1	21.43	9.19	1016.49	11.3	30.76	2.45	1024.54	18.8	31.87	-0.23	1025.59
4.2	21.49	9.18	1016.54	11.4	30.75	2.40	1024.54	18.9	31.90	-0.28	1025.62
4.3	21.39	9.19	1016.46	11.5	30.81	2.28	1024.60	19.1	31.92	-0.35	1025.63
4.5	21.48	9.14	1016.54	11.8	30.96	2.07	1024.73	19.3	31.94	-0.37	1025.65
4.6	21.78	9.12	1016.77	11.9	31.04	2.01	1024.80	19.4	31.94	-0.39	1025.65
4.7	21.82	9.13	1016.80	12.0	31.05	2.00	1024.81	19.5	31.95	-0.41	1025.66
4.8	21.83	9.14	1016.81	12.1	31.16	1.88	1024.90	19.7	31.98	-0.44	1025.69
5.1	21.88	9.14	1016.85	12.4	31.30	1.60	1025.04	20.0	31.98	-0.50	1025.69
5.2	21.87	9.13	1016.84	12.5	31.15	1.56	1024.92	20.1	31.97	-0.52	1025.68
5.5	21.86	9.14	1016.83	12.9	31.24	1.43	1025.00	20.3	31.97	-0.52	1025.68
5.6	21.86	9.15	1016.83	13.0	31.26	1.41	1025.01	20.6	31.97	-0.54	1025.68
5.7	21.87	9.13	1016.84	13.1	31.20	1.45	1024.96	20.8	31.96	-0.53	1025.67
5.8	21.86	9.15	1016.83	13.3	31.29	1.35	1025.04	20.9	31.99	-0.55	1025.70
6.0	21.88	9.14	1016.85	13.5	31.37	1.26	1025.11	21.1	32.00	-0.54	1025.71
6.1	21.91	9.13	1016.87	13.7	31.35	1.21	1025.10	21.2	32.00	-0.54	1025.71
6.3	21.93	9.11	1016.89	14.0	31.48	1.07	1025.21	21.4	32.01	-0.54	1025.71
6.4	21.95	9.10	1016.91	14.2	31.45	1.02	1025.19	21.5	32.02	-0.55	1025.72
6.7	21.94	9.09	1016.90	14.3	31.44	1.00	1025.18	21.6	32.04	-0.56	1025.74
6.8	21.94	9.09	1016.90	14.5	31.47	0.98	1025.21	21.7	32.03	-0.57	1025.73
6.9	21.94	9.11	1016.90	14.7	31.48	0.98	1025.22	22.0	32.04	-0.57	1025.74
7.1	21.95	9.09	1016.91	14.8	31.54	0.91	1025.27	22.1	32.04	-0.56	1025.74

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Table A1.41. Station 87056 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
22.2	32.05	-0.56	1025.75	25.9	32.18	-0.75	1025.86	29.8	32.41	-0.88	1026.05
22.3	32.05	-0.55	1025.75	26.0	32.19	-0.73	1025.87	30.0	32.42	-0.88	1026.06
22.5	32.03	-0.55	1025.73	26.2	32.17	-0.70	1025.85	30.1	32.42	-0.89	1026.06
22.6	32.05	-0.55	1025.75	26.3	32.20	-0.42	1025.86	30.2	32.43	-0.89	1026.07
22.7	32.06	-0.57	1025.76	26.4	32.21	-0.40	1025.87	30.4	32.44	-0.89	1026.08
22.8	32.07	-0.57	1025.76	26.5	32.18	-0.56	1025.85	30.5	32.41	-0.89	1026.05
23.0	32.06	-0.58	1025.76	26.8	32.20	-0.46	1025.87	30.6	32.43	-0.89	1026.07
23.1	32.06	-0.58	1025.76	27.0	32.25	-0.45	1025.91	30.7	32.43	-0.89	1026.07
23.2	32.08	-0.58	1025.77	27.2	32.25	-0.48	1025.91	30.9	32.42	-0.89	1026.06
23.3	32.08	-0.60	1025.77	27.3	32.27	-0.48	1025.92	31.0	32.43	-0.89	1026.07
23.6	32.07	-0.61	1025.77	27.5	32.30	-0.51	1025.95	31.1	32.42	-0.89	1026.06
23.7	32.06	-0.60	1025.76	27.6	32.30	-0.54	1025.95	31.2	32.42	-0.88	1026.06
23.8	32.09	-0.65	1025.78	27.8	32.32	-0.57	1025.97	31.3	32.42	-0.89	1026.06
24.1	32.11	-0.66	1025.80	27.9	32.35	-0.62	1025.99	31.5	32.41	-0.89	1026.05
24.2	32.11	-0.67	1025.80	28.0	32.32	-0.58	1025.97	31.6	32.42	-0.89	1026.06
24.3	32.13	-0.68	1025.82	28.1	32.33	-0.62	1025.98	31.7	32.41	-0.89	1026.05
24.4	32.12	-0.68	1025.81	28.3	32.37	-0.69	1026.01	31.8	32.41	-0.89	1026.05
24.6	32.11	-0.68	1025.80	28.5	32.38	-0.74	1026.02	32.0	32.42	-0.89	1026.06
24.7	32.13	-0.70	1025.82	28.6	32.45	-0.78	1026.08	32.1	32.42	-0.89	1026.06
24.8	32.14	-0.70	1025.83	28.7	32.51	-0.83	1026.13	32.2	32.43	-0.89	1026.07
25.1	32.13	-0.71	1025.82	28.9	32.45	-0.84	1026.08	32.3	32.42	-0.89	1026.06
25.2	32.15	-0.72	1025.83	29.0	32.39	-0.86	1026.03	32.6	32.42	-0.89	1026.06
25.4	32.16	-0.72	1025.84	29.1	32.41	-0.86	1026.05	32.7	32.42	-0.89	1026.06
25.5	32.18	-0.73	1025.86	29.3	32.43	-0.87	1026.07	32.8	32.42	-0.89	1026.06
25.7	32.18	-0.74	1025.86	29.4	32.41	-0.88	1026.05				
25.8	32.19	-0.75	1025.87	29.6	32.41	-0.88	1026.05				

STATION: 87057 DATE: 17 August

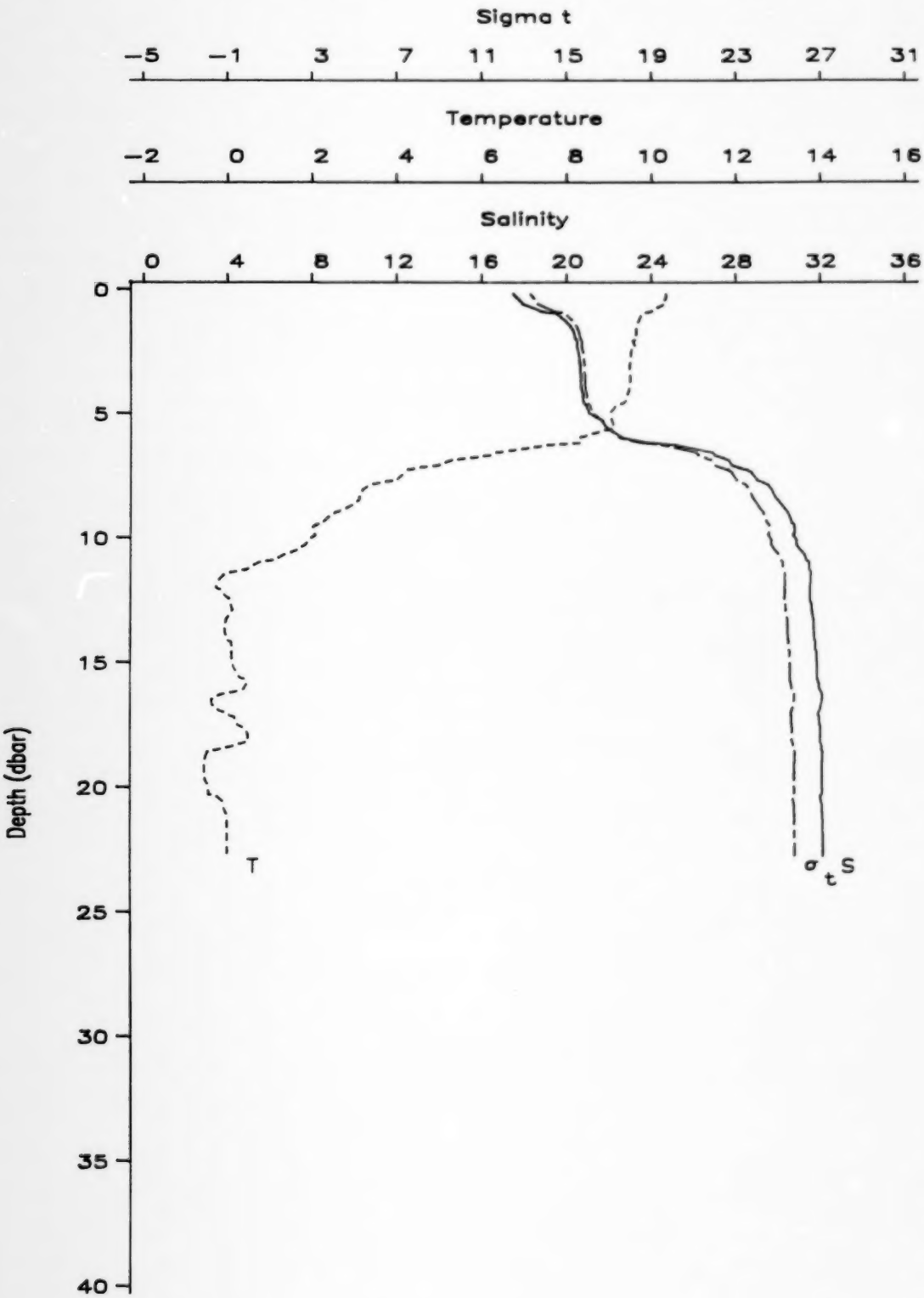

Table A1.42. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87057, August 17, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	17.50	10.35	1013.28	7.3	28.57	4.22	1022.66	14.8	31.83	0.09	1025.54
0.3	17.62	10.34	1013.37	7.4	28.76	4.17	1022.81	15.0	31.84	0.10	1025.55
0.4	17.74	10.33	1013.47	7.7	29.01	3.98	1023.03	15.2	31.85	0.14	1025.56
0.5	17.86	10.27	1013.57	7.8	29.29	3.64	1023.28	15.4	31.86	0.20	1025.56
0.6	17.94	10.30	1013.63	7.9	29.53	3.34	1023.49	15.6	31.85	0.28	1025.55
0.9	18.79	9.99	1014.33	8.1	29.71	3.18	1023.65	15.7	31.87	0.40	1025.56
1.0	19.56	9.77	1014.96	8.3	29.83	3.10	1023.75	15.8	31.89	0.46	1025.57
1.1	19.70	9.73	1015.07	8.4	29.89	3.10	1023.80	15.9	31.93	0.42	1025.61
1.3	19.95	9.68	1015.27	8.5	29.99	3.10	1023.88	16.1	31.96	0.36	1025.64
1.5	20.18	9.63	1015.46	8.7	30.18	2.93	1024.04	16.2	32.03	0.14	1025.70
1.7	20.32	9.62	1015.57	8.8	30.27	2.83	1024.12	16.3	32.08	-0.18	1025.76
2.0	20.41	9.64	1015.64	9.0	30.46	2.54	1024.30	16.5	32.06	-0.40	1025.75
2.1	20.50	9.55	1015.72	9.2	30.57	2.35	1024.40	16.7	32.01	-0.38	1025.71
2.3	20.47	9.60	1015.69	9.4	30.65	2.24	1024.47	16.9	31.95	-0.23	1025.65
2.4	20.52	9.52	1015.74	9.5	30.76	2.07	1024.57	17.1	31.86	0.00	1025.57
2.6	20.57	9.50	1015.78	9.6	30.79	2.00	1024.60	17.2	31.93	0.15	1025.62
2.8	20.62	9.49	1015.82	9.8	30.76	2.01	1024.58	17.5	31.96	0.23	1025.64
2.9	20.62	9.48	1015.82	9.9	30.70	2.06	1024.52	17.7	32.01	0.42	1025.67
3.0	20.63	9.48	1015.83	10.1	30.88	1.90	1024.68	17.9	31.98	0.47	1025.65
3.1	20.65	9.47	1015.85	10.3	30.88	1.81	1024.68	18.0	31.96	0.48	1025.63
3.2	20.64	9.48	1015.84	10.5	31.04	1.63	1024.82	18.2	31.98	0.45	1025.65
3.4	20.65	9.49	1015.84	10.6	31.16	1.50	1024.93	18.4	32.07	0.03	1025.74
3.5	20.68	9.49	1015.87	10.7	31.27	1.30	1025.03	18.5	32.02	-0.24	1025.71
3.7	20.68	9.49	1015.87	10.9	31.34	1.10	1025.10	18.6	32.10	-0.50	1025.79
4.0	20.70	9.46	1015.89	11.0	31.47	0.73	1025.22	18.8	32.08	-0.54	1025.77
4.1	20.72	9.45	1015.90	11.3	31.49	0.43	1025.25	19.0	32.08	-0.57	1025.77
4.2	20.76	9.43	1015.94	11.4	31.56	0.07	1025.33	19.1	32.05	-0.57	1025.75
4.3	20.78	9.40	1015.96	11.5	31.53	-0.11	1025.31	19.4	32.05	-0.56	1025.75
4.5	20.79	9.38	1015.97	11.8	31.52	-0.26	1025.31	19.5	32.07	-0.54	1025.76
4.6	20.82	9.33	1016.00	12.0	31.48	-0.29	1025.28	19.6	32.07	-0.55	1025.76
4.7	20.93	9.15	1016.11	12.1	31.50	-0.18	1025.29	19.7	32.07	-0.55	1025.76
5.0	21.07	9.01	1016.23	12.4	31.48	-0.02	1025.27	19.9	32.05	-0.49	1025.75
5.1	21.27	9.03	1016.39	12.5	31.48	0.07	1025.26	20.1	32.08	-0.46	1025.77
5.3	21.67	9.06	1016.70	12.6	31.53	0.08	1025.30	20.3	32.08	-0.46	1025.77
5.5	21.81	9.10	1016.80	12.7	31.59	0.07	1025.35	20.4	31.99	-0.24	1025.69
5.6	21.93	9.09	1016.89	12.9	31.58	0.11	1025.34	20.6	32.02	-0.12	1025.71
5.7	22.10	8.85	1017.06	13.0	31.61	0.06	1025.37	20.8	32.08	-0.11	1025.75
6.0	22.64	8.26	1017.55	13.1	31.63	0.02	1025.39	21.0	32.05	-0.06	1025.73
6.2	23.80	8.30	1018.46	13.3	31.68	-0.05	1025.43	21.1	32.10	-0.03	1025.77
6.3	25.17	7.53	1019.62	13.5	31.70	-0.07	1025.45	21.2	32.11	-0.02	1025.77
6.6	26.93	6.32	1021.15	13.6	31.71	-0.09	1025.45	21.4	32.13	-0.02	1025.79
6.7	27.02	6.20	1021.23	13.8	31.71	-0.07	1025.45	21.5	32.11	-0.02	1025.77
6.8	27.38	5.76	1021.56	14.1	31.73	-0.03	1025.47	21.6	32.12	-0.02	1025.78
6.9	27.68	5.27	1021.85	14.2	31.76	0.07	1025.49	21.9	32.13	-0.02	1025.79
7.1	27.82	4.97	1021.99	14.5	31.76	0.11	1025.49	22.1	32.13	-0.02	1025.79
7.2	28.16	4.52	1022.30	14.6	31.82	0.08	1025.54	22.2	32.14	-0.02	1025.80

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Table A1.42. Station 87057 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
22.3	32.14	-0.02	1025.80	22.6	32.14	-0.02	1025.80	22.8	32.13	-0.01	1025.79
22.5	32.14	-0.02	1025.80	22.7	32.13	-0.02	1025.79				

STATION: 87058 DATE: 18 August

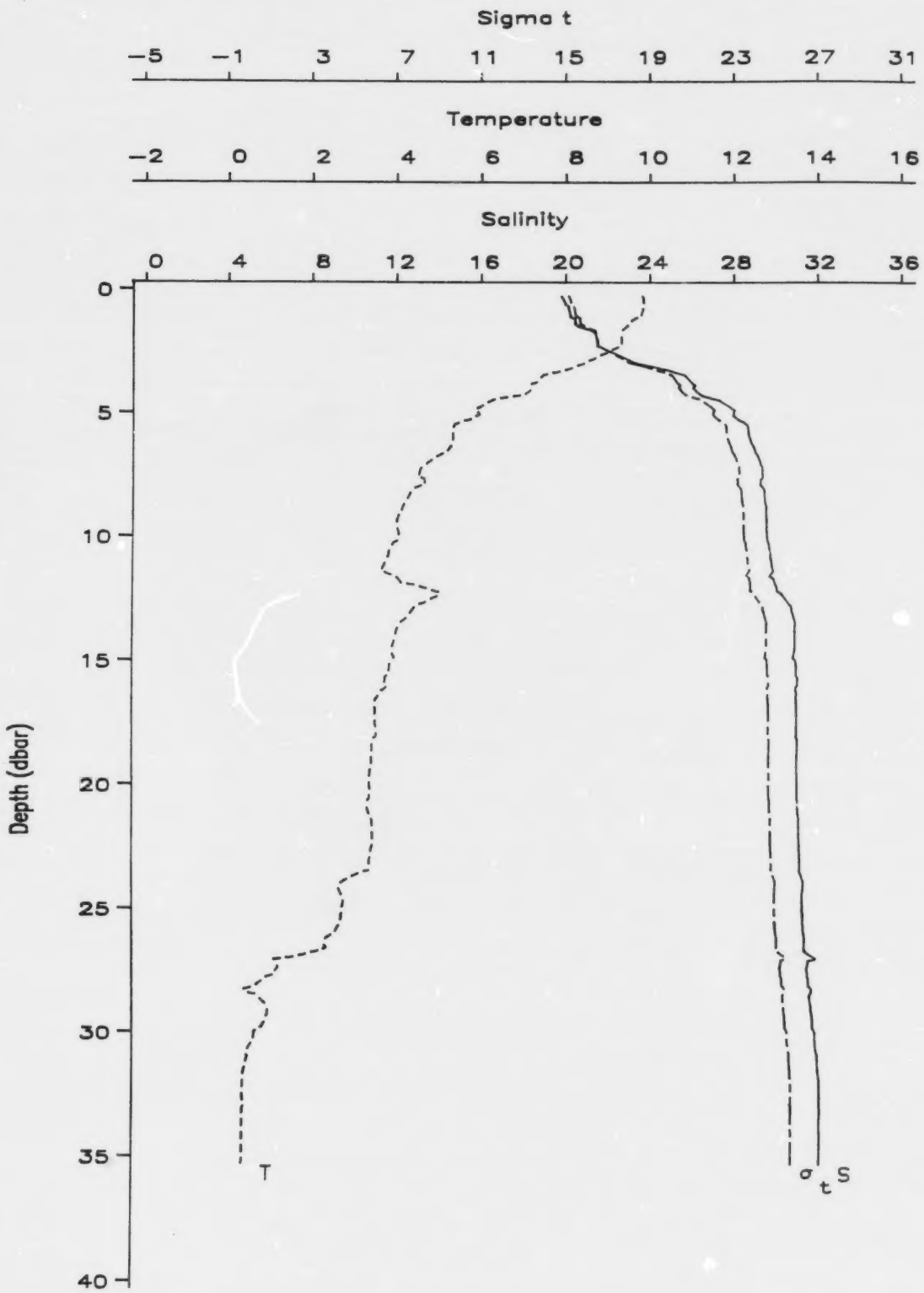

Table A1.43. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87058, August 18, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	19.79	9.82	1015.13	8.1	29.42	4.37	1023.32	15.7	31.02	3.69	1024.65
0.4	19.87	9.84	1015.19	8.2	29.45	4.31	1023.35	16.0	31.00	3.67	1024.64
0.6	19.98	9.85	1015.27	8.5	29.48	4.23	1023.38	16.1	30.93	3.73	1024.57
0.7	20.12	9.84	1015.38	8.6	29.47	4.18	1023.37	16.2	30.91	3.67	1024.56
1.1	20.22	9.77	1015.47	8.8	29.53	4.12	1023.43	16.3	30.97	3.54	1024.62
1.2	20.43	9.63	1015.65	9.0	29.53	4.08	1023.43	16.5	30.93	3.52	1024.59
1.3	20.43	9.55	1015.66	9.1	29.54	4.04	1023.44	16.6	30.96	3.47	1024.62
1.4	20.43	9.52	1015.67	9.2	29.54	4.01	1023.44	16.7	30.97	3.46	1024.63
1.5	20.59	9.45	1015.80	9.3	29.54	3.99	1023.45	16.9	30.98	3.46	1024.64
1.7	21.27	9.33	1016.35	9.4	29.53	3.97	1023.44	17.0	30.96	3.47	1024.62
1.8	21.39	9.31	1016.44	9.6	29.54	3.98	1023.45	17.1	30.98	3.47	1024.64
1.9	21.43	9.30	1016.48	9.8	29.53	4.01	1023.44	17.2	30.98	3.46	1024.64
2.1	21.48	9.31	1016.51	9.9	29.56	4.02	1023.46	17.5	30.98	3.47	1024.64
2.3	21.49	9.30	1016.52	10.2	29.60	3.99	1023.49	17.6	30.98	3.47	1024.64
3.0	23.28	8.45	1018.03	10.3	29.64	3.89	1023.54	17.7	30.96	3.49	1024.62
3.3	24.90	7.98	1019.36	10.5	29.68	3.81	1023.57	17.8	30.96	3.50	1024.62
3.5	25.67	7.45	1020.03	10.7	29.73	3.77	1023.62	18.0	30.97	3.49	1024.63
3.8	25.97	7.28	1020.28	10.8	29.72	3.77	1023.61	18.1	30.96	3.49	1024.62
3.9	26.12	7.12	1020.42	10.9	29.74	3.74	1023.63	18.2	31.01	3.39	1024.67
4.0	26.04	7.12	1020.36	11.2	29.79	3.66	1023.67	18.6	31.00	3.39	1024.66
4.1	26.15	7.15	1020.44	11.4	29.85	3.61	1023.73	18.8	30.98	3.39	1024.64
4.3	26.43	7.00	1020.68	11.6	29.68	3.85	1023.57	18.9	31.00	3.38	1024.66
4.4	26.84	6.57	1021.05	11.7	29.86	4.00	1023.70	19.1	30.98	3.38	1024.65
4.5	27.30	6.25	1021.45	11.9	29.94	4.08	1023.76	19.2	30.99	3.39	1024.65
4.8	27.84	5.94	1021.91	12.0	30.00	4.44	1023.77	19.3	31.00	3.38	1024.66
4.9	28.00	5.82	1022.05	12.2	30.05	4.82	1023.77	19.5	31.00	3.34	1024.66
5.0	27.96	5.90	1022.01	12.3	30.23	5.01	1023.89	19.8	31.02	3.32	1024.68
5.1	27.94	5.93	1021.99	12.4	30.32	4.98	1023.97	19.9	31.02	3.33	1024.68
5.3	28.21	5.70	1022.23	12.7	30.59	4.62	1024.22	20.1	31.00	3.34	1024.66
5.4	28.46	5.47	1022.45	12.8	30.71	4.45	1024.33	20.2	31.00	3.35	1024.66
5.5	28.62	5.34	1022.59	12.9	30.74	4.38	1024.36	20.4	31.01	3.33	1024.67
5.6	28.67	5.31	1022.63	13.0	30.74	4.34	1024.37	20.6	31.02	3.33	1024.68
5.8	28.69	5.29	1022.65	13.3	30.85	4.21	1024.47	20.7	31.04	3.27	1024.70
5.9	28.70	5.30	1022.65	13.5	30.92	4.07	1024.54	20.8	31.05	3.27	1024.71
6.0	28.73	5.30	1022.68	13.6	30.88	4.01	1024.51	21.0	31.05	3.28	1024.71
6.2	28.81	5.29	1022.74	13.8	30.89	3.97	1024.52	21.2	31.07	3.33	1024.72
6.4	28.94	5.24	1022.85	14.1	30.89	3.92	1024.53	21.4	31.11	3.39	1024.75
6.6	29.01	5.16	1022.91	14.3	30.89	3.90	1024.53	21.5	31.09	3.41	1024.73
6.7	29.10	5.02	1023.00	14.4	30.89	3.88	1024.53	21.7	31.11	3.41	1024.75
6.9	29.20	4.83	1023.10	14.5	30.89	3.86	1024.53	21.9	31.11	3.41	1024.75
7.1	29.27	4.68	1023.17	14.8	30.82	3.88	1024.47	22.0	31.11	3.41	1024.75
7.2	29.35	4.58	1023.24	14.9	30.79	3.92	1024.45	22.1	31.10	3.42	1024.74
7.3	29.34	4.53	1023.24	15.0	30.92	3.85	1024.56	22.3	31.13	3.42	1024.76
7.6	29.37	4.48	1023.27	15.1	30.94	3.82	1024.57	22.4	31.13	3.42	1024.76
7.7	29.26	4.63	1023.16	15.2	30.95	3.80	1024.58	22.5	31.14	3.41	1024.77
7.9	29.23	4.64	1023.14	15.6	30.95	3.77	1024.59	22.6	31.14	3.38	1024.77

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Table A1.43. Station 87058 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
22.8	31.16	3.37	1024.79	27.1	31.57	1.08	1025.28	31.4	32.05	0.40	1025.71
23.1	31.17	3.34	1024.80	27.3	31.52	1.17	1025.24	31.5	32.06	0.37	1025.72
23.3	31.18	3.33	1024.81	27.4	31.49	1.18	1025.21	31.6	32.07	0.36	1025.72
23.4	31.15	3.33	1024.79	27.6	31.54	1.10	1025.26	31.9	32.10	0.34	1025.75
23.5	31.14	3.33	1024.78	27.7	31.52	1.10	1025.24	32.0	32.11	0.34	1025.76
23.6	31.20	3.11	1024.84	27.8	31.58	0.90	1025.30	32.3	32.11	0.33	1025.76
23.9	31.34	2.75	1024.98	28.1	31.60	0.68	1025.33	32.6	32.11	0.33	1025.76
24.1	31.31	2.61	1024.97	28.2	31.72	0.58	1025.43	32.9	32.08	0.36	1025.73
24.2	31.30	2.61	1024.96	28.3	31.73	0.37	1025.45	33.0	32.11	0.36	1025.76
24.4	31.27	2.67	1024.94	28.4	31.68	0.39	1025.41	33.1	32.13	0.33	1025.77
24.6	31.28	2.72	1024.94	28.5	31.62	0.64	1025.35	33.2	32.11	0.33	1025.76
24.7	31.28	2.74	1024.94	28.8	31.69	0.84	1025.39	33.5	32.09	0.33	1025.74
24.9	31.30	2.72	1024.96	28.9	31.71	0.89	1025.41	33.6	32.10	0.33	1025.75
25.0	31.30	2.70	1024.96	29.1	31.74	0.94	1025.43	33.7	32.10	0.33	1025.75
25.1	31.28	2.71	1024.94	29.3	31.78	0.93	1025.46	33.9	32.10	0.33	1025.75
25.2	31.31	2.70	1024.96	29.4	31.79	0.90	1025.47	34.0	32.11	0.33	1025.76
25.3	31.32	2.68	1024.97	29.6	31.80	0.87	1025.48	34.2	32.11	0.33	1025.76
25.6	31.32	2.66	1024.98	29.7	31.79	0.83	1025.47	34.3	32.11	0.33	1025.76
25.7	31.34	2.64	1024.99	29.8	31.81	0.80	1025.49	34.5	32.10	0.33	1025.75
25.8	31.32	2.59	1024.98	30.0	31.92	0.62	1025.59	34.6	32.11	0.33	1025.76
26.0	31.36	2.53	1025.02	30.3	31.91	0.59	1025.58	34.7	32.10	0.33	1025.75
26.2	31.39	2.35	1025.06	30.5	31.94	0.53	1025.61	34.8	32.11	0.33	1025.76
26.3	31.38	2.29	1025.05	30.7	31.96	0.46	1025.63	35.0	32.10	0.33	1025.75
26.5	31.40	2.27	1025.07	30.8	31.99	0.44	1025.66	35.1	32.09	0.34	1025.74
26.6	31.38	2.33	1025.05	30.9	32.02	0.42	1025.68	35.2	32.10	0.33	1025.75
26.7	31.39	2.25	1025.06	31.0	32.00	0.45	1025.66	35.3	32.11	0.32	1025.76
27.0	31.92	1.56	1025.53	31.1	32.02	0.43	1025.68				

STATION: 87059 DATE: 18 August

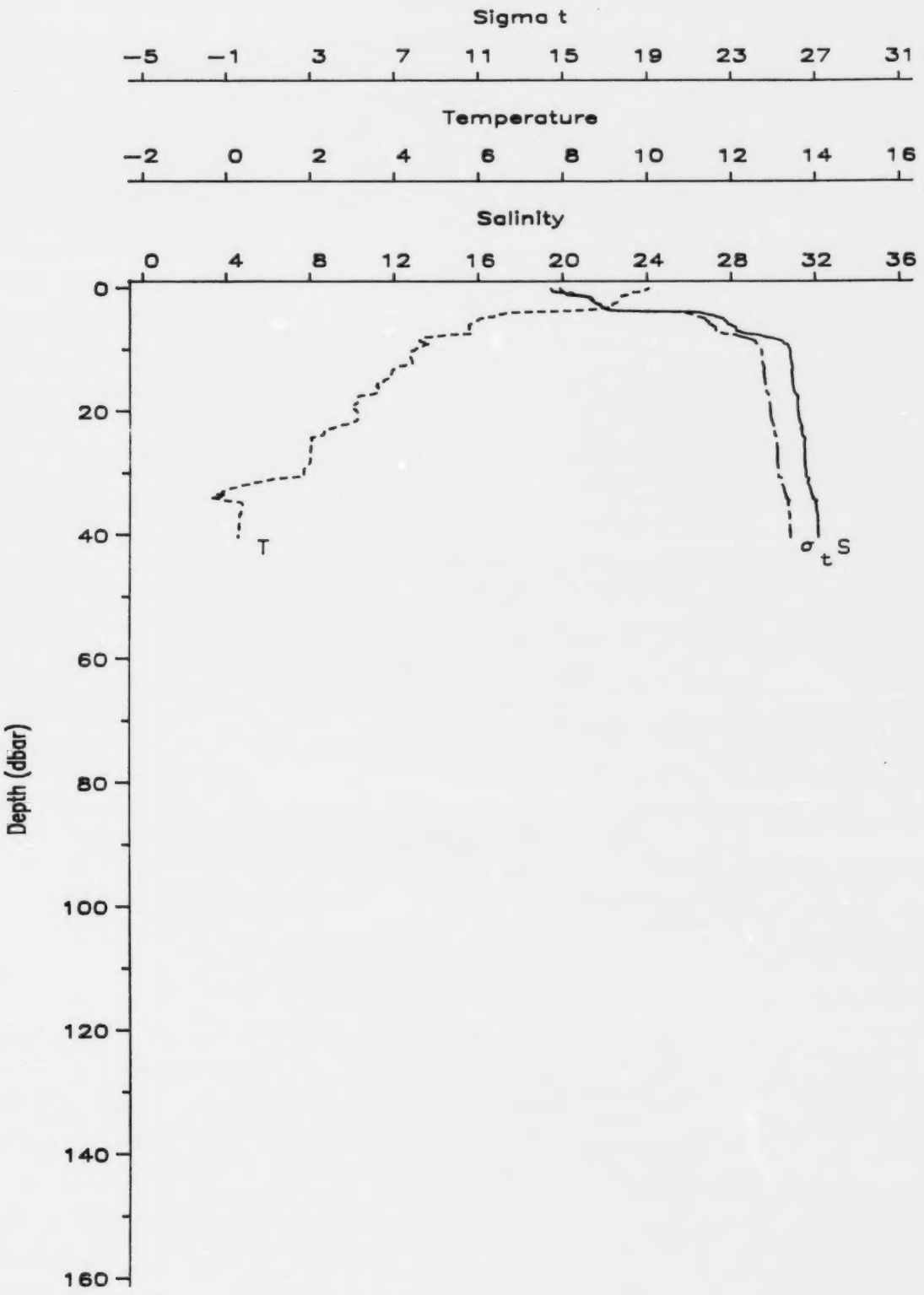

Table A1.44. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87059, August 18, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	19.45	10.04	1014.84	6.6	28.21	5.76	1022.22	13.9	30.88	3.91	1024.52
0.2	19.45	10.04	1014.84	6.9	28.23	5.76	1022.23	14.0	30.90	3.90	1024.54
0.3	19.48	10.00	1014.87	7.0	28.24	5.77	1022.24	14.1	30.88	3.90	1024.52
0.4	19.51	9.97	1014.89	7.1	28.27	5.77	1022.26	14.3	30.89	3.91	1024.53
0.6	19.55	9.93	1014.93	7.2	28.40	5.79	1022.37	14.4	30.88	3.91	1024.52
0.7	19.68	9.85	1015.04	7.5	28.68	5.80	1022.59	14.6	30.91	3.87	1024.55
0.9	20.17	9.61	1015.45	7.6	28.94	5.57	1022.82	14.9	30.93	3.79	1024.57
1.1	20.19	9.61	1015.47	7.7	29.36	5.21	1023.19	15.0	30.91	3.75	1024.56
1.2	20.28	9.57	1015.55	8.0	29.59	4.91	1023.40	15.2	30.91	3.72	1024.56
1.3	20.64	9.47	1015.84	8.1	29.75	4.69	1023.55	15.4	30.92	3.70	1024.57
1.4	20.86	9.43	1016.02	8.2	29.95	4.64	1023.71	15.5	30.94	3.65	1024.59
1.5	21.12	9.38	1016.22	8.5	30.26	4.61	1023.96	15.6	30.94	3.59	1024.60
1.7	21.28	9.36	1016.35	8.6	30.35	4.57	1024.03	15.7	30.92	3.57	1024.58
1.9	21.31	9.33	1016.38	8.7	30.44	4.59	1024.10	15.9	30.93	3.57	1024.59
2.1	21.39	9.33	1016.44	8.8	30.47	4.61	1024.13	16.0	30.95	3.55	1024.61
2.2	21.45	9.31	1016.49	9.0	30.51	4.77	1024.14	16.1	30.95	3.57	1024.61
2.3	21.48	9.31	1016.51	9.1	30.51	4.82	1024.14	16.2	30.96	3.60	1024.61
2.4	21.50	9.29	1016.53	9.2	30.67	4.76	1024.27	16.5	30.97	3.61	1024.62
2.6	21.60	9.23	1016.62	9.3	30.70	4.70	1024.30	16.6	30.98	3.62	1024.62
2.7	21.69	9.19	1016.69	9.4	30.72	4.67	1024.32	16.7	31.00	3.60	1024.64
2.8	21.79	9.16	1016.78	9.7	30.74	4.62	1024.34	16.9	31.00	3.59	1024.64
3.0	21.80	9.16	1016.78	9.8	30.76	4.57	1024.36	17.0	31.03	3.58	1024.67
3.3	21.89	9.05	1016.87	9.9	30.80	4.49	1024.40	17.1	31.03	3.57	1024.67
3.4	22.03	8.90	1017.00	10.2	30.80	4.46	1024.40	17.2	31.08	3.51	1024.71
3.5	22.05	8.87	1017.02	10.3	30.82	4.42	1024.42	17.5	31.12	3.39	1024.76
3.7	22.29	8.55	1017.24	10.4	30.83	4.37	1024.44	17.6	31.19	3.17	1024.83
3.8	22.67	8.29	1017.57	10.5	30.82	4.34	1024.43	17.8	31.18	3.09	1024.83
3.9	24.02	7.99	1018.67	10.8	30.83	4.33	1024.44	18.0	31.15	3.06	1024.81
4.0	25.95	7.22	1020.27	11.1	30.83	4.33	1024.44	18.1	31.14	3.06	1024.80
4.1	26.57	6.71	1020.82	11.3	30.84	4.36	1024.44	18.3	31.14	3.08	1024.80
4.4	26.88	6.49	1021.09	11.4	30.82	4.38	1024.43	18.4	31.15	3.10	1024.80
4.5	27.03	6.46	1021.21	11.6	30.85	4.39	1024.45	18.6	31.14	3.11	1024.80
4.6	27.19	6.35	1021.35	11.8	30.85	4.40	1024.45	18.7	31.16	3.10	1024.81
4.8	27.27	6.33	1021.41	12.0	30.87	4.41	1024.46	18.8	31.15	3.10	1024.80
4.9	27.45	6.15	1021.58	12.2	30.87	4.42	1024.46	18.9	31.15	3.05	1024.81
5.0	27.54	6.08	1021.66	12.3	30.87	4.41	1024.46	19.2	31.16	3.00	1024.82
5.1	27.62	6.00	1021.73	12.4	30.88	4.37	1024.47	19.3	31.16	2.97	1024.82
5.4	27.68	5.96	1021.78	12.5	30.91	4.29	1024.51	19.4	31.17	2.96	1024.83
5.5	27.74	5.90	1021.83	12.7	30.91	4.23	1024.51	19.5	31.15	2.98	1024.81
5.6	27.80	5.85	1021.89	12.8	30.92	4.10	1024.53	19.7	31.15	3.02	1024.81
5.8	27.80	5.84	1021.89	12.9	30.91	4.05	1024.53	19.8	31.16	3.03	1024.82
5.9	27.84	5.81	1021.92	13.1	30.91	4.00	1024.53	19.9	31.14	3.07	1024.80
6.0	27.86	5.79	1021.94	13.3	30.90	3.97	1024.53	20.1	31.16	3.09	1024.81
6.1	27.98	5.75	1022.04	13.4	30.90	3.93	1024.53	20.2	31.18	3.09	1024.83
6.2	28.01	5.75	1022.06	13.5	30.88	3.92	1024.52	20.3	31.21	3.11	1024.85
6.5	28.20	5.75	1022.21	13.8	30.88	3.91	1024.52	20.6	31.19	3.13	1024.83

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Table A1.44. Station 87059 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
20.7	31.21	3.12	1024.85	27.3	31.49	1.98	1025.16	34.2	31.84	-0.23	1025.57
20.8	31.21	3.12	1024.85	27.4	31.49	1.98	1025.16	34.5	32.05	-0.02	1025.73
21.0	31.21	3.12	1024.85	27.7	31.49	1.98	1025.16	34.6	32.06	0.06	1025.73
21.3	31.22	3.13	1024.86	27.8	31.47	1.98	1025.15	34.7	31.99	0.20	1025.67
21.4	31.23	3.12	1024.87	27.9	31.48	1.98	1025.15	34.8	31.98	0.34	1025.65
21.5	31.26	3.08	1024.89	28.1	31.49	1.98	1025.16	35.0	31.99	0.37	1025.66
21.7	31.25	3.07	1024.89	28.2	31.48	1.98	1025.15	35.1	32.00	0.38	1025.67
21.8	31.26	3.03	1024.90	28.3	31.49	1.97	1025.16	35.2	32.02	0.38	1025.68
22.0	31.29	2.98	1024.93	28.4	31.49	1.97	1025.16	35.3	32.03	0.39	1025.69
22.3	31.34	2.79	1024.98	28.7	31.49	1.94	1025.16	35.6	32.03	0.38	1025.69
22.4	31.33	2.68	1024.98	28.9	31.51	1.89	1025.18	35.7	32.02	0.37	1025.68
22.6	31.37	2.60	1025.02	29.1	31.49	1.87	1025.17	36.0	32.03	0.36	1025.69
22.8	31.35	2.53	1025.01	29.2	31.52	1.86	1025.19	36.1	32.05	0.35	1025.71
22.9	31.29	2.50	1024.96	29.3	31.52	1.84	1025.20	36.2	32.05	0.35	1025.71
23.0	31.31	2.43	1024.99	29.4	31.54	1.83	1025.21	36.3	32.05	0.34	1025.71
23.1	31.35	2.33	1025.02	29.6	31.54	1.82	1025.21	36.4	32.07	0.33	1025.73
23.4	31.36	2.31	1025.03	29.8	31.54	1.82	1025.21	36.7	32.08	0.33	1025.73
23.5	31.35	2.32	1025.03	29.9	31.54	1.82	1025.21	36.8	32.09	0.30	1025.74
23.6	31.36	2.31	1025.03	30.0	31.53	1.83	1025.20	37.1	32.07	0.30	1025.73
23.8	31.37	2.29	1025.04	30.2	31.53	1.83	1025.20	37.2	32.09	0.29	1025.74
23.9	31.35	2.29	1025.03	30.3	31.54	1.82	1025.21	37.4	32.09	0.29	1025.74
24.0	31.36	2.27	1025.04	30.4	31.53	1.83	1025.20	37.5	32.09	0.29	1025.74
24.1	31.40	2.22	1025.07	30.7	31.54	1.79	1025.21	37.7	32.10	0.29	1025.75
24.2	31.45	2.12	1025.12	30.9	31.68	1.36	1025.35	37.9	32.09	0.29	1025.74
24.4	31.50	2.00	1025.17	31.0	31.70	1.21	1025.38	38.0	32.09	0.29	1025.74
24.5	31.48	2.00	1025.15	31.1	31.67	1.07	1025.36	38.3	32.08	0.29	1025.74
24.7	31.48	2.02	1025.15	31.3	31.66	0.97	1025.36	38.6	32.10	0.28	1025.75
25.0	31.46	2.01	1025.14	31.5	31.61	0.82	1025.33	38.7	32.10	0.28	1025.75
25.1	31.48	2.01	1025.15	31.6	31.59	0.72	1025.32	38.8	32.09	0.29	1025.74
25.2	31.45	2.03	1025.13	31.9	31.64	0.53	1025.37	38.9	32.10	0.28	1025.75
25.3	31.45	2.03	1025.13	32.1	31.71	0.37	1025.43	39.0	32.10	0.28	1025.75
25.5	31.45	2.00	1025.13	32.3	31.73	0.27	1025.45	39.2	32.11	0.28	1025.76
25.6	31.47	2.00	1025.14	32.4	31.72	0.23	1025.45	39.3	32.09	0.28	1025.74
25.8	31.47	1.99	1025.15	32.5	31.76	0.12	1025.49	39.4	32.09	0.28	1025.74
26.0	31.46	1.99	1025.14	32.6	31.75	0.08	1025.48	39.5	32.13	0.27	1025.78
26.1	31.48	1.99	1025.15	32.8	31.76	0.00	1025.49	39.7	32.10	0.27	1025.75
26.2	31.48	1.99	1025.15	33.0	31.77	-0.06	1025.50	39.8	32.12	0.27	1025.77
26.3	31.49	1.98	1025.16	33.1	31.78	-0.11	1025.51	39.9	32.11	0.27	1025.76
26.5	31.49	1.98	1025.16	33.2	31.78	-0.10	1025.51	40.1	32.11	0.27	1025.76
26.6	31.49	1.98	1025.16	33.4	31.79	-0.08	1025.52	40.3	32.13	0.26	1025.78
26.7	31.49	1.98	1025.16	33.5	31.84	-0.26	1025.57	40.4	32.13	0.26	1025.78
26.8	31.48	1.98	1025.15	33.7	31.83	-0.04	1025.55	40.5	32.13	0.27	1025.78
27.1	31.48	1.98	1025.15	33.9	31.85	-0.04	1025.57				
27.2	31.47	1.98	1025.15	34.1	31.91	-0.39	1025.63				

STATION: 87060 DATE: 21 August

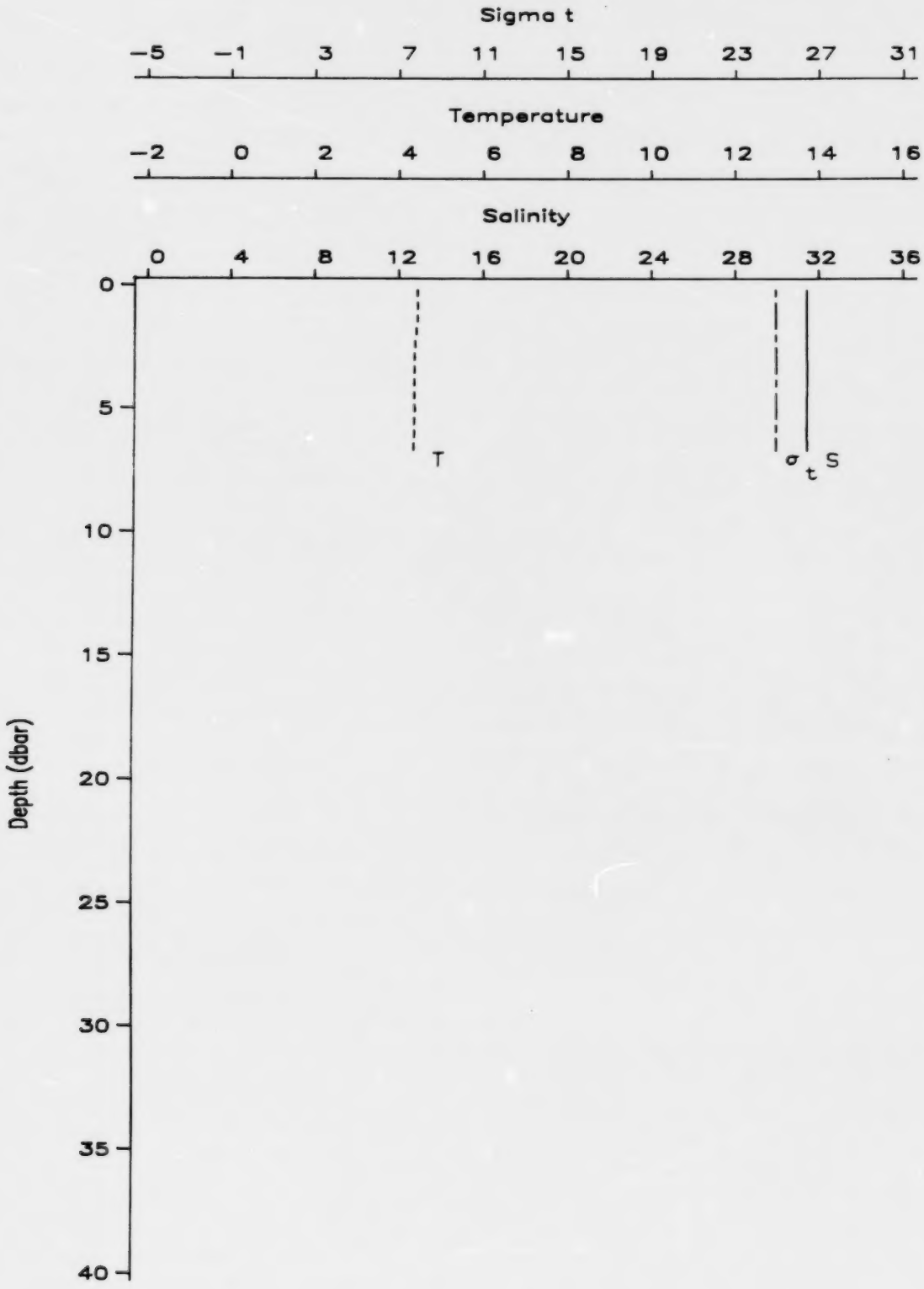

Table A1.45. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87060, August 21, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	31.43	4.41	1024.91	2.6	31.45	4.35	1024.93	4.6	31.43	4.34	1024.91
0.3	31.43	4.41	1024.91	2.8	31.44	4.34	1024.92	4.7	31.44	4.35	1024.92
0.6	31.43	4.42	1024.91	2.9	31.45	4.34	1024.93	4.8	31.43	4.35	1024.91
0.8	31.42	4.43	1024.90	3.0	31.44	4.34	1024.92	5.0	31.44	4.35	1024.92
1.0	31.42	4.43	1024.90	3.1	31.45	4.34	1024.93	5.1	31.44	4.35	1024.92
1.1	31.43	4.42	1024.91	3.4	31.44	4.34	1024.92	5.3	31.44	4.34	1024.92
1.3	31.42	4.42	1024.90	3.5	31.45	4.34	1024.93	5.5	31.43	4.34	1024.91
1.5	31.43	4.41	1024.91	3.6	31.44	4.34	1024.92	5.7	31.44	4.34	1024.92
1.6	31.43	4.40	1024.91	3.7	31.45	4.34	1024.93	5.8	31.43	4.34	1024.91
1.9	31.43	4.38	1024.91	3.9	31.44	4.34	1024.92	6.1	31.44	4.34	1024.92
2.0	31.43	4.39	1024.91	4.0	31.44	4.34	1024.92	6.3	31.44	4.33	1024.92
2.1	31.43	4.37	1024.91	4.1	31.44	4.35	1024.92	6.4	31.45	4.33	1024.93
2.4	31.44	4.35	1024.92	4.3	31.45	4.34	1024.93	6.6	31.43	4.33	1024.92
2.5	31.43	4.36	1024.91	4.5	31.43	4.34	1024.91	6.7	31.45	4.33	1024.93

STATION: 87061 DATE: 22 August

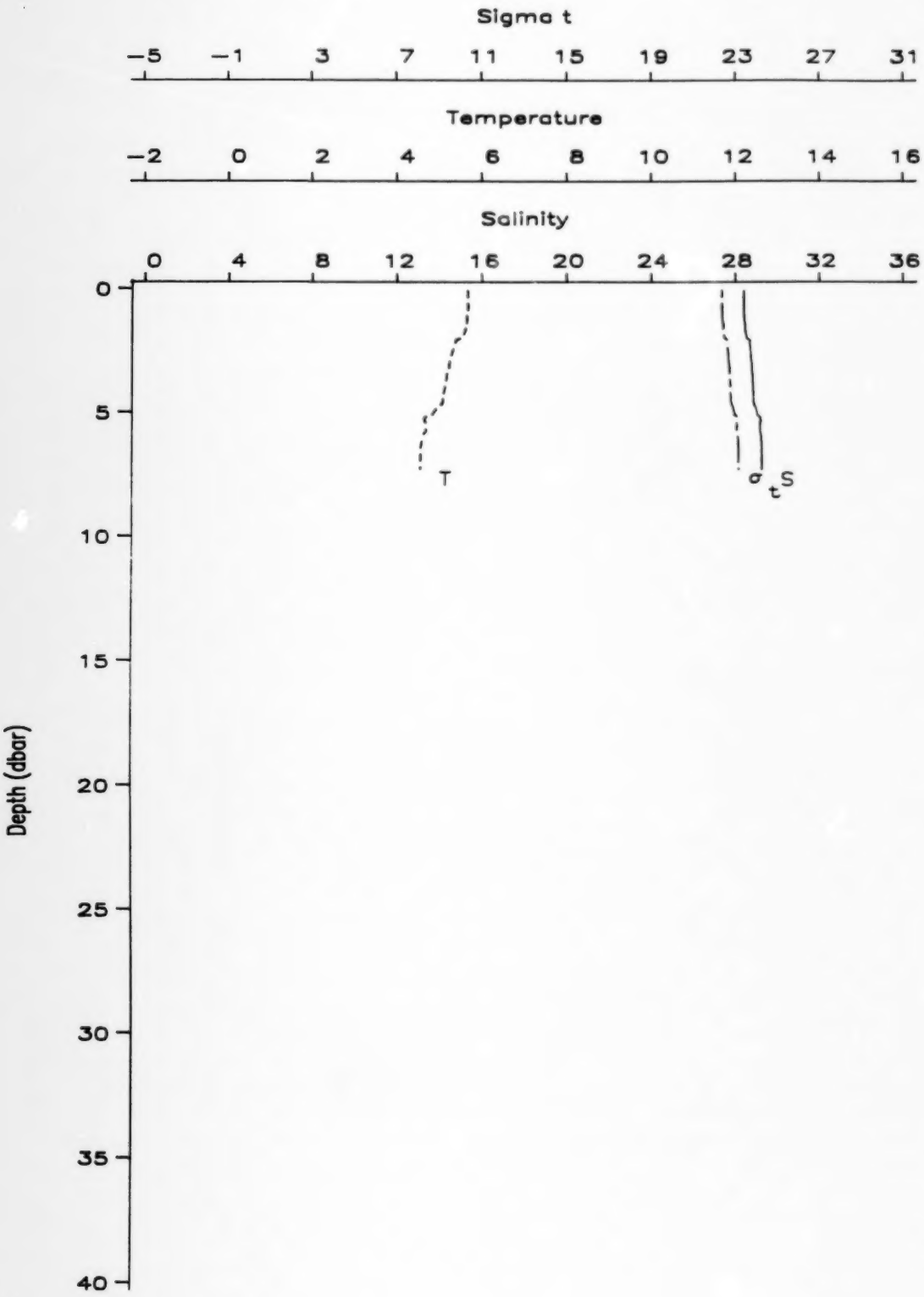

Table A1.46. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87061, August 22, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	28.43	5.65	1022.40	3.2	28.81	5.21	1022.75	5.6	29.17	4.65	1023.09
0.3	28.43	5.66	1022.40	3.3	28.79	5.20	1022.74	5.8	29.17	4.66	1023.09
0.4	28.43	5.65	1022.40	3.5	28.83	5.15	1022.77	5.9	29.21	4.60	1023.13
0.5	28.42	5.66	1022.40	3.8	28.84	5.13	1022.78	6.1	29.23	4.57	1023.15
0.7	28.42	5.66	1022.40	4.0	28.85	5.11	1022.79	6.3	29.25	4.55	1023.16
1.0	28.43	5.65	1022.40	4.2	28.86	5.08	1022.80	6.5	29.26	4.53	1023.17
1.2	28.44	5.63	1022.41	4.4	28.87	5.07	1022.81	6.7	29.26	4.53	1023.17
1.4	28.46	5.63	1022.43	4.6	28.87	5.05	1022.81	6.8	29.25	4.54	1023.17
1.5	28.48	5.60	1022.45	4.7	28.90	5.03	1022.84	6.9	29.26	4.53	1023.17
1.7	28.48	5.60	1022.45	4.8	28.96	4.94	1022.90	7.0	29.26	4.53	1023.17
2.0	28.55	5.52	1022.51	5.1	29.05	4.81	1022.98	7.2	29.26	4.53	1023.17
2.1	28.69	5.38	1022.64	5.2	29.17	4.65	1023.09	7.3	29.27	4.52	1023.18
2.9	28.78	5.23	1022.72	5.3	29.20	4.61	1023.12				
3.1	28.80	5.21	1022.74	5.4	29.18	4.65	1023.10				

STATION: 87062 DATE: 22 August

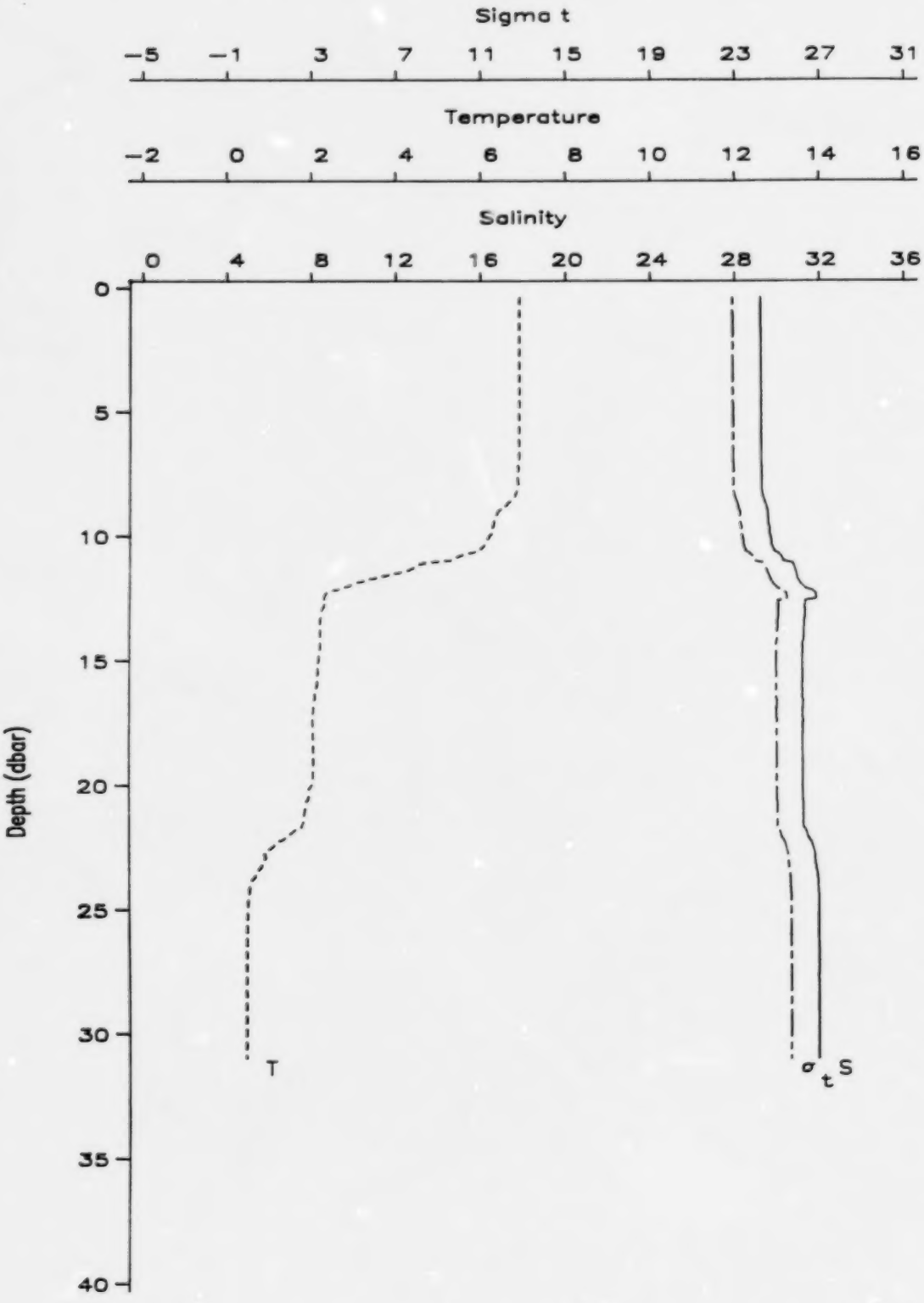

Table A1.47. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87062, August 22, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	29.22	6.91	1022.88	7.3	29.24	6.88	1022.90	14.6	31.17	2.18	1024.89
0.5	29.23	6.90	1022.89	7.4	29.24	6.86	1022.90	14.7	31.14	2.16	1024.87
0.6	29.23	6.90	1022.89	7.5	29.25	6.86	1022.91	15.1	31.17	2.14	1024.89
0.7	29.22	6.90	1022.88	7.6	29.25	6.85	1022.91	15.3	31.16	2.13	1024.89
1.0	29.22	6.90	1022.88	7.9	29.25	6.86	1022.91	15.4	31.16	2.13	1024.89
1.1	29.23	6.90	1022.89	8.0	29.25	6.85	1022.91	15.5	31.18	2.13	1024.90
1.2	29.23	6.90	1022.89	8.2	29.26	6.83	1022.92	15.7	31.17	2.12	1024.90
1.5	29.22	6.90	1022.88	8.4	29.30	6.78	1022.96	15.9	31.14	2.12	1024.87
1.6	29.23	6.90	1022.89	8.6	29.38	6.67	1023.04	16.2	31.17	2.10	1024.90
1.7	29.23	6.90	1022.89	8.8	29.47	6.56	1023.12	16.4	31.16	2.06	1024.89
1.8	29.23	6.90	1022.89	8.9	29.49	6.49	1023.14	16.5	31.14	2.08	1024.87
2.1	29.21	6.90	1022.87	9.0	29.54	6.39	1023.20	16.6	31.20	2.05	1024.92
2.2	29.23	6.90	1022.89	9.3	29.57	6.32	1023.23	16.9	31.16	2.03	1024.89
2.4	29.23	6.90	1022.89	9.5	29.57	6.28	1023.23	17.2	31.18	2.01	1024.91
2.5	29.23	6.90	1022.89	9.6	29.60	6.27	1023.26	17.3	31.16	2.03	1024.89
2.6	29.22	6.90	1022.88	9.7	29.62	6.25	1023.28	17.4	31.20	2.01	1024.93
2.7	29.22	6.90	1022.88	9.9	29.61	6.24	1023.27	17.5	31.18	2.02	1024.91
2.9	29.23	6.90	1022.89	10.0	29.66	6.18	1023.32	17.6	31.18	2.03	1024.91
3.0	29.23	6.90	1022.89	10.1	29.68	6.15	1023.33	17.8	31.18	2.02	1024.91
3.1	29.23	6.90	1022.89	10.2	29.70	6.10	1023.36	17.9	31.17	2.03	1024.90
3.3	29.23	6.90	1022.89	10.4	29.73	6.05	1023.39	18.1	31.16	2.04	1024.89
3.6	29.23	6.90	1022.89	10.5	29.78	5.99	1023.43	18.3	31.19	2.04	1024.92
3.7	29.22	6.90	1022.88	10.6	29.82	5.94	1023.47	18.5	31.19	2.04	1024.92
3.8	29.23	6.90	1022.89	10.7	30.02	5.72	1023.65	18.7	31.20	2.04	1024.93
4.1	29.22	6.90	1022.88	10.8	30.14	5.49	1023.77	18.9	31.20	2.04	1024.93
4.2	29.23	6.90	1022.89	11.0	30.27	5.24	1023.90	19.0	31.20	2.04	1024.93
4.4	29.23	6.90	1022.89	11.1	30.72	4.61	1024.32	19.1	31.18	2.04	1024.91
4.6	29.21	6.90	1022.87	11.4	30.86	4.26	1024.47	19.4	31.20	2.03	1024.93
4.7	29.23	6.90	1022.89	11.7	30.94	3.48	1024.61	19.5	31.19	2.03	1024.92
4.8	29.23	6.90	1022.89	11.9	31.08	3.04	1024.75	19.7	31.20	2.03	1024.93
4.9	29.22	6.90	1022.88	12.1	31.32	2.75	1024.97	20.0	31.20	2.00	1024.93
5.1	29.23	6.88	1022.89	12.2	31.65	2.50	1025.25	20.2	31.21	1.92	1024.94
5.2	29.23	6.89	1022.89	12.3	31.80	2.33	1025.38	20.4	31.22	1.93	1024.95
5.3	29.23	6.88	1022.89	12.5	31.84	2.27	1025.42	20.5	31.21	1.93	1024.94
5.6	29.23	6.89	1022.89	12.6	31.30	2.34	1024.98	20.6	31.21	1.91	1024.94
5.7	29.23	6.89	1022.89	12.8	31.25	2.28	1024.95	20.7	31.24	1.86	1024.97
5.8	29.22	6.89	1022.88	13.0	31.29	2.22	1024.98	20.9	31.25	1.85	1024.98
5.9	29.22	6.88	1022.88	13.2	31.28	2.22	1024.98	21.0	31.22	1.84	1024.96
6.1	29.24	6.88	1022.90	13.4	31.23	2.19	1024.94	21.3	31.24	1.81	1024.97
6.2	29.23	6.88	1022.89	13.7	31.21	2.19	1024.92	21.5	31.24	1.80	1024.97
6.3	29.22	6.89	1022.88	13.8	31.20	2.20	1024.91	21.7	31.25	1.76	1024.98
6.4	29.21	6.89	1022.88	13.9	31.21	2.19	1024.92	21.8	31.35	1.62	1025.07
6.5	29.23	6.89	1022.89	14.1	31.19	2.19	1024.91	22.1	31.46	1.42	1025.17
6.7	29.23	6.89	1022.89	14.2	31.20	2.19	1024.91	22.2	31.53	1.33	1025.24
7.0	29.24	6.87	1022.90	14.3	31.15	2.19	1024.87	22.3	31.62	1.20	1025.32
7.2	29.26	6.86	1022.92	14.4	31.16	2.19	1024.88	22.8	31.81	0.88	1025.49

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Table A1.47. Station 87062 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
22.9	31.80	0.93	1025.48	25.6	32.00	0.48	1025.66	28.4	32.00	0.47	1025.66
23.1	31.83	0.84	1025.51	25.8	32.00	0.49	1025.66	28.5	32.00	0.48	1025.66
23.2	31.83	0.83	1025.51	25.9	32.00	0.48	1025.66	28.6	32.01	0.47	1025.67
23.3	31.86	0.81	1025.53	26.0	31.99	0.49	1025.65	28.7	32.00	0.47	1025.66
23.4	31.87	0.76	1025.54	26.1	32.00	0.48	1025.66	28.8	31.99	0.47	1025.65
23.6	31.92	0.68	1025.59	26.4	32.01	0.48	1025.67	29.0	32.00	0.47	1025.66
23.7	31.92	0.66	1025.59	26.5	32.00	0.48	1025.66	29.1	32.01	0.47	1025.67
23.9	31.95	0.57	1025.62	26.6	32.01	0.47	1025.67	29.4	32.01	0.47	1025.67
24.1	31.97	0.54	1025.63	26.8	32.01	0.48	1025.67	29.5	32.01	0.47	1025.67
24.2	31.98	0.53	1025.64	26.9	32.00	0.48	1025.66	29.6	32.01	0.47	1025.67
24.3	31.99	0.53	1025.65	27.0	32.00	0.48	1025.66	29.7	32.00	0.47	1025.66
24.4	32.00	0.53	1025.66	27.1	32.00	0.47	1025.66	30.0	31.99	0.47	1025.65
24.5	32.00	0.52	1025.66	27.3	32.01	0.47	1025.67	30.1	32.00	0.47	1025.66
24.7	32.01	0.50	1025.67	27.4	32.01	0.47	1025.67	30.3	32.00	0.47	1025.66
24.9	31.99	0.49	1025.65	27.5	31.99	0.48	1025.65	30.5	32.01	0.47	1025.67
25.2	31.99	0.49	1025.65	27.6	31.99	0.48	1025.65	30.7	31.99	0.47	1025.65
25.3	32.00	0.49	1025.66	27.9	32.01	0.47	1025.67	30.8	32.00	0.47	1025.66
25.4	32.00	0.49	1025.66	28.1	32.01	0.47	1025.67	31.0	32.01	0.47	1025.67
25.5	32.00	0.48	1025.66	28.2	32.01	0.47	1025.67				

STATION: 87063 DATE: 23 August

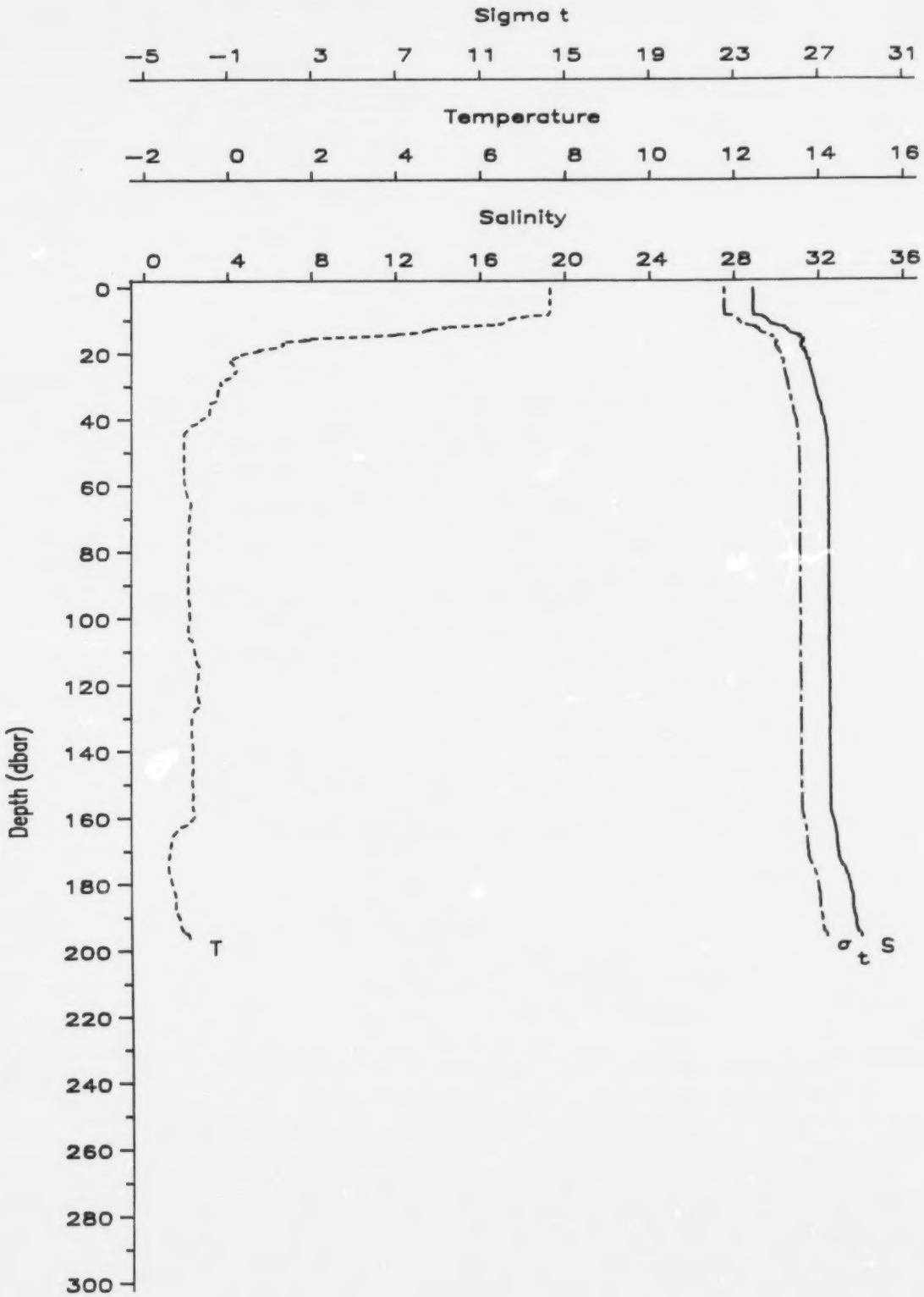

Table A1.48. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87063, August 23, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	28.88	7.62	1022.52	8.0	28.90	7.61	1022.54	16.2	31.26	1.96	1024.98
0.6	28.88	7.63	1022.52	8.3	28.91	7.59	1022.55	16.3	31.22	1.72	1024.96
0.7	28.88	7.62	1022.52	8.5	28.90	7.59	1022.54	16.4	31.18	1.60	1024.94
0.9	28.88	7.63	1022.52	8.6	28.91	7.59	1022.55	16.5	31.16	1.45	1024.93
1.0	28.89	7.62	1022.53	8.8	28.95	7.54	1022.59	16.6	31.17	1.38	1024.94
1.1	28.88	7.62	1022.52	8.9	29.21	7.21	1022.84	16.8	31.21	1.32	1024.98
1.2	28.89	7.63	1022.53	9.0	29.30	7.12	1022.92	16.9	31.20	1.36	1024.97
1.5	28.90	7.62	1022.54	9.1	29.34	7.04	1022.96	17.0	31.28	1.33	1025.04
1.7	28.89	7.62	1022.53	9.3	29.36	6.99	1022.98	17.2	31.14	1.27	1024.93
1.8	28.88	7.63	1022.52	9.5	29.43	6.90	1023.05	17.3	31.11	1.28	1024.90
2.0	28.89	7.63	1022.53	9.6	29.49	6.77	1023.11	17.5	31.12	1.32	1024.91
2.1	28.90	7.62	1022.54	10.0	29.54	6.68	1023.16	17.8	31.15	1.28	1024.93
2.2	28.89	7.62	1022.53	10.1	29.55	6.65	1023.17	17.9	31.16	1.26	1024.94
2.4	28.89	7.63	1022.53	10.2	29.59	6.62	1023.21	18.0	31.12	1.20	1024.92
2.6	28.90	7.62	1022.54	10.4	29.58	6.63	1023.20	18.1	31.13	1.19	1024.92
2.7	28.89	7.62	1022.53	10.5	29.59	6.61	1023.21	18.4	31.13	1.12	1024.93
2.9	28.89	7.62	1022.53	10.7	29.65	6.59	1023.26	18.6	31.18	1.02	1024.97
3.0	28.89	7.63	1022.53	11.1	29.70	6.51	1023.31	18.9	31.28	0.81	1025.07
3.1	28.89	7.63	1022.53	11.2	29.69	6.52	1023.30	19.0	31.33	0.71	1025.11
3.2	28.90	7.62	1022.54	11.4	29.73	6.46	1023.34	19.1	31.29	0.77	1025.08
3.3	28.89	7.62	1022.53	11.5	29.85	6.30	1023.45	19.2	31.23	0.82	1025.02
3.8	28.88	7.62	1022.52	11.6	29.84	6.32	1023.44	19.4	31.24	0.72	1025.04
4.0	28.88	7.62	1022.52	11.7	29.97	6.02	1023.58	19.7	31.29	0.61	1025.08
4.1	28.88	7.62	1022.52	11.9	29.99	5.86	1023.61	19.8	31.31	0.59	1025.10
4.2	28.88	7.62	1022.52	12.2	30.32	5.19	1023.95	20.0	31.32	0.57	1025.11
4.3	28.88	7.63	1022.52	12.3	30.41	5.08	1024.03	20.1	31.39	0.40	1025.17
4.6	28.88	7.62	1022.52	12.5	30.36	5.16	1023.98	20.4	31.40	0.34	1025.19
4.7	28.88	7.63	1022.52	12.7	30.34	5.07	1023.98	20.6	31.37	0.24	1025.17
4.8	28.88	7.62	1022.52	13.0	30.51	4.71	1024.15	20.7	31.36	0.23	1025.16
4.9	28.88	7.62	1022.52	13.1	30.47	4.76	1024.11	21.0	31.38	0.21	1025.18
5.2	28.88	7.62	1022.52	13.2	30.46	4.77	1024.10	21.1	31.38	0.24	1025.17
5.3	28.88	7.63	1022.52	13.3	30.55	4.67	1024.18	21.2	31.42	0.17	1025.21
5.4	28.88	7.63	1022.52	13.8	30.57	4.59	1024.21	21.5	31.43	0.14	1025.22
5.6	28.88	7.62	1022.52	14.1	30.65	4.37	1024.29	21.6	31.41	0.10	1025.20
5.7	28.88	7.62	1022.52	14.4	30.80	4.01	1024.45	21.7	31.42	0.10	1025.21
5.8	28.88	7.62	1022.52	14.6	30.93	4.05	1024.55	21.8	31.40	0.10	1025.20
5.9	28.88	7.62	1022.52	14.7	30.96	3.87	1024.59	22.0	31.39	0.15	1025.19
6.2	28.89	7.62	1022.53	14.8	31.07	3.64	1024.69	22.3	31.57	0.05	1025.34
6.4	28.89	7.62	1022.53	14.9	31.12	3.54	1024.74	22.6	31.52	0.03	1025.30
6.8	28.88	7.62	1022.52	15.1	31.17	3.24	1024.81	22.9	31.51	0.07	1025.29
6.9	28.88	7.62	1022.52	15.2	31.02	3.01	1024.71	23.1	31.52	0.08	1025.29
7.0	28.89	7.62	1022.53	15.3	31.00	2.87	1024.70	23.2	31.51	0.10	1025.29
7.3	28.88	7.63	1022.52	15.5	31.11	2.34	1024.83	23.6	31.52	0.13	1025.29
7.4	28.88	7.62	1022.52	15.7	31.17	1.97	1024.91	24.1	31.56	0.18	1025.32
7.5	28.88	7.62	1022.52	15.9	31.17	1.82	1024.92	24.2	31.57	0.18	1025.33
7.8	28.90	7.62	1022.54	16.0	31.30	1.80	1025.02	24.4	31.59	0.19	1025.35

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Table A1.48. Station 87063 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
25.0	31.58	0.19	1025.34	32.8	31.87	-0.26	1025.59	41.2	32.26	-0.77	1025.93
25.3	31.61	0.20	1025.36	33.1	31.90	-0.27	1025.62	41.3	32.23	-0.76	1025.90
25.4	31.59	0.19	1025.35	33.3	31.92	-0.28	1025.63	41.4	32.26	-0.76	1025.92
25.5	31.63	0.18	1025.38	33.7	31.95	-0.29	1025.66	41.6	32.25	-0.82	1025.92
25.8	31.63	0.15	1025.38	33.8	31.92	-0.28	1025.63	42.1	32.27	-0.92	1025.94
25.9	31.62	0.17	1025.37	33.9	31.94	-0.29	1025.65	42.2	32.28	-0.93	1025.95
26.0	31.65	0.16	1025.40	34.2	31.95	-0.29	1025.66	42.3	32.29	-0.93	1025.95
26.1	31.65	0.13	1025.40	34.4	31.94	-0.29	1025.65	42.4	32.30	-0.93	1025.96
26.6	31.65	0.11	1025.40	34.5	31.95	-0.31	1025.66	42.5	32.30	-0.93	1025.96
26.8	31.66	0.11	1025.41	34.8	31.98	-0.34	1025.68	42.7	32.30	-0.93	1025.96
26.9	31.66	0.08	1025.41	35.0	32.01	-0.40	1025.71	42.8	32.29	-0.96	1025.96
27.0	31.68	0.07	1025.42	35.3	32.05	-0.45	1025.74	43.2	32.30	-0.98	1025.96
27.1	31.69	0.04	1025.43	35.4	32.06	-0.45	1025.75	43.4	32.29	-1.00	1025.96
27.3	31.69	0.05	1025.43	35.5	32.04	-0.45	1025.74	43.6	32.30	-1.01	1025.97
27.5	31.67	0.04	1025.42	35.6	32.06	-0.45	1025.75	43.8	32.31	-1.03	1025.97
27.7	31.71	-0.01	1025.45	35.8	32.04	-0.45	1025.74	44.1	32.30	-1.05	1025.97
27.9	31.73	-0.02	1025.47	35.9	32.04	-0.43	1025.73	44.4	32.32	-1.07	1025.98
28.0	31.75	-0.06	1025.49	36.1	32.05	-0.46	1025.74	44.8	32.31	-1.06	1025.98
28.1	31.74	-0.10	1025.48	36.4	32.06	-0.45	1025.75	45.1	32.34	-1.07	1026.00
28.2	31.75	-0.12	1025.49	36.5	32.06	-0.45	1025.75	45.4	32.34	-1.07	1026.00
28.5	31.72	-0.12	1025.46	36.6	32.06	-0.44	1025.75	45.6	32.34	-1.07	1026.00
28.6	31.76	-0.15	1025.50	36.7	32.06	-0.45	1025.75	45.9	32.34	-1.07	1026.00
28.7	31.77	-0.20	1025.51	37.0	32.08	-0.45	1025.77	46.1	32.36	-1.07	1026.02
29.1	31.77	-0.20	1025.51	37.1	32.07	-0.46	1025.76	46.2	32.35	-1.07	1026.01
29.2	31.78	-0.20	1025.52	37.2	32.08	-0.46	1025.77	46.4	32.34	-1.06	1026.00
29.4	31.78	-0.19	1025.52	37.5	32.09	-0.46	1025.78	46.6	32.37	-1.07	1026.02
29.5	31.74	-0.16	1025.48	37.7	32.07	-0.46	1025.76	46.7	32.35	-1.07	1026.01
29.6	31.78	-0.20	1025.52	37.8	32.10	-0.47	1025.79	46.9	32.37	-1.07	1026.02
29.9	31.79	-0.18	1025.52	38.1	32.11	-0.47	1025.79	47.5	32.37	-1.07	1026.02
30.1	31.79	-0.18	1025.52	38.2	32.09	-0.47	1025.78	47.6	32.37	-1.07	1026.02
30.3	31.80	-0.20	1025.53	38.3	32.11	-0.47	1025.79	48.2	32.38	-1.07	1026.03
30.5	31.81	-0.20	1025.54	38.5	32.11	-0.47	1025.79	48.3	32.36	-1.07	1026.02
30.6	31.80	-0.20	1025.53	38.6	32.11	-0.46	1025.79	48.5	32.37	-1.07	1026.02
30.7	31.82	-0.22	1025.55	38.7	32.11	-0.46	1025.79	48.6	32.38	-1.07	1026.03
31.1	31.83	-0.23	1025.56	39.1	32.15	-0.51	1025.83	48.8	32.37	-1.07	1026.02
31.2	31.86	-0.26	1025.58	39.5	32.19	-0.58	1025.86	49.1	32.38	-1.07	1026.03
31.3	31.86	-0.26	1025.58	39.6	32.19	-0.58	1025.86	49.4	32.38	-1.07	1026.03
31.4	31.85	-0.26	1025.57	39.8	32.21	-0.62	1025.88	50.2	32.38	-1.07	1026.03
31.6	31.86	-0.26	1025.58	40.0	32.22	-0.65	1025.89	50.7	32.38	-1.07	1026.03
31.7	31.86	-0.25	1025.58	40.1	32.23	-0.66	1025.90	51.1	32.38	-1.07	1026.03
31.8	31.87	-0.26	1025.59	40.4	32.23	-0.70	1025.90	51.3	32.38	-1.07	1026.03
32.1	31.87	-0.26	1025.59	40.6	32.22	-0.69	1025.89	51.5	32.37	-1.07	1026.02
32.3	31.88	-0.27	1025.60	40.7	32.22	-0.72	1025.89	51.8	32.38	-1.07	1026.03
32.4	31.87	-0.26	1025.59	40.8	32.24	-0.73	1025.91	52.0	32.38	-1.07	1026.03
32.6	31.88	-0.27	1025.60	40.9	32.25	-0.72	1025.92	52.4	32.37	-1.07	1026.02
32.7	31.88	-0.26	1025.60	41.1	32.24	-0.74	1025.91	52.6	32.38	-1.07	1026.03

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Table A1.48. Station 87063 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
52.9	32.38	-1.07	1026.03	65.9	32.41	-0.89	1026.05	76.0	32.42	-0.95	1026.06
53.3	32.37	-1.07	1026.02	66.0	32.41	-0.90	1026.05	76.3	32.42	-0.96	1026.06
53.5	32.39	-1.08	1026.04	66.1	32.41	-0.90	1026.05	76.6	32.42	-0.97	1026.06
53.6	32.38	-1.07	1026.03	66.2	32.40	-0.89	1026.04	76.8	32.41	-0.96	1026.05
54.1	32.40	-1.07	1026.05	66.3	32.42	-0.90	1026.06	76.9	32.41	-0.96	1026.05
54.3	32.39	-1.07	1026.04	66.7	32.42	-0.91	1026.06	77.1	32.41	-0.96	1026.05
54.5	32.39	-1.07	1026.04	67.0	32.41	-0.92	1026.05	77.2	32.41	-0.95	1026.05
54.6	32.39	-1.07	1026.04	67.2	32.42	-0.93	1026.06	77.4	32.41	-0.96	1026.05
54.8	32.39	-1.07	1026.04	67.3	32.42	-0.94	1026.06	77.8	32.41	-0.96	1026.05
55.2	32.39	-1.07	1026.04	67.8	32.42	-0.94	1026.06	78.3	32.41	-0.96	1026.05
55.6	32.38	-1.07	1026.03	67.9	32.42	-0.94	1026.06	78.5	32.42	-0.95	1026.06
56.3	32.40	-1.07	1026.05	68.2	32.42	-0.94	1026.06	78.9	32.41	-0.95	1026.05
56.6	32.40	-1.07	1026.05	68.3	32.41	-0.95	1026.05	79.2	32.42	-0.95	1026.06
56.9	32.39	-1.05	1026.04	68.5	32.41	-0.94	1026.05	79.3	32.41	-0.95	1026.05
57.0	32.38	-1.06	1026.03	68.7	32.41	-0.94	1026.05	79.4	32.42	-0.95	1026.06
57.1	32.38	-1.05	1026.03	68.8	32.41	-0.94	1026.05	79.6	32.41	-0.95	1026.05
57.3	32.39	-1.05	1026.04	69.1	32.41	-0.94	1026.05	79.9	32.41	-0.95	1026.05
57.5	32.40	-1.05	1026.05	69.3	32.41	-0.94	1026.05	80.0	32.42	-0.95	1026.06
57.7	32.40	-1.06	1026.05	69.5	32.41	-0.94	1026.05	80.1	32.43	-0.96	1026.07
58.2	32.41	-1.07	1026.06	69.8	32.42	-0.94	1026.06	80.5	32.42	-0.96	1026.06
58.4	32.40	-1.07	1026.05	70.2	32.43	-0.95	1026.07	80.7	32.42	-0.96	1026.06
58.8	32.38	-1.07	1026.03	70.3	32.42	-0.95	1026.06	80.9	32.42	-0.96	1026.06
59.1	32.40	-1.06	1026.05	70.5	32.42	-0.95	1026.06	81.4	32.42	-0.96	1026.06
59.3	32.39	-1.05	1026.04	70.8	32.38	-0.93	1026.03	81.5	32.41	-0.96	1026.05
59.4	32.39	-1.04	1026.04	70.9	32.38	-0.90	1026.03	81.9	32.42	-0.96	1026.06
59.7	32.40	-1.04	1026.05	71.1	32.41	-0.90	1026.05	82.2	32.42	-0.97	1026.06
59.9	32.41	-1.04	1026.06	71.4	32.41	-0.90	1026.05	82.4	32.42	-0.97	1026.06
60.3	32.40	-1.03	1026.05	71.7	32.42	-0.90	1026.06	82.6	32.44	-0.98	1026.08
60.7	32.40	-1.03	1026.05	71.9	32.42	-0.90	1026.06	82.9	32.43	-0.98	1026.07
60.9	32.40	-1.03	1026.05	72.3	32.41	-0.90	1026.05	83.1	32.41	-0.98	1026.05
61.2	32.41	-1.04	1026.06	72.4	32.42	-0.90	1026.06	83.2	32.42	-0.98	1026.06
61.3	32.41	-1.04	1026.06	72.8	32.45	-0.93	1026.08	83.5	32.42	-0.98	1026.06
61.4	32.39	-1.03	1026.04	72.9	32.43	-0.94	1026.07	84.0	32.42	-0.98	1026.06
61.6	32.42	-1.02	1026.06	73.1	32.43	-0.94	1026.07	84.3	32.42	-0.98	1026.06
61.9	32.41	-1.01	1026.05	73.2	32.42	-0.94	1026.06	84.6	32.42	-0.98	1026.06
62.4	32.41	-1.00	1026.05	73.5	32.42	-0.95	1026.06	84.8	32.42	-0.98	1026.06
63.0	32.40	-0.99	1026.05	73.6	32.43	-0.95	1026.07	85.1	32.42	-0.98	1026.06
63.4	32.42	-0.98	1026.06	73.9	32.42	-0.94	1026.06	85.2	32.43	-0.98	1026.07
63.6	32.39	-0.97	1026.04	74.0	32.43	-0.95	1026.07	85.3	32.41	-0.98	1026.05
63.8	32.39	-0.97	1026.04	74.2	32.43	-0.95	1026.07	85.6	32.43	-0.98	1026.07
63.9	32.40	-0.97	1026.05	74.5	32.42	-0.94	1026.06	85.7	32.43	-0.98	1026.07
64.1	32.41	-0.97	1026.05	74.7	32.42	-0.94	1026.06	85.9	32.43	-0.98	1026.07
64.4	32.40	-0.95	1026.04	75.0	32.43	-0.95	1026.07	86.1	32.42	-0.98	1026.06
64.7	32.41	-0.95	1026.05	75.2	32.42	-0.94	1026.06	86.2	32.42	-0.97	1026.06
65.2	32.41	-0.90	1026.05	75.5	32.41	-0.94	1026.05	86.5	32.42	-0.97	1026.06
65.5	32.42	-0.90	1026.06	75.7	32.42	-0.95	1026.06	86.9	32.42	-0.97	1026.06

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Table A1.48. Station 87063 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
87.3	32.41	-0.96	1026.05	98.4	32.43	-0.93	1026.07	109.4	32.44	-0.82	1026.07
87.7	32.41	-0.96	1026.05	98.5	32.42	-0.93	1026.06	109.5	32.44	-0.82	1026.07
88.0	32.43	-0.97	1026.07	98.8	32.44	-0.94	1026.08	109.9	32.44	-0.82	1026.07
88.2	32.42	-0.96	1026.06	99.1	32.43	-0.93	1026.07	110.3	32.43	-0.81	1026.06
88.4	32.42	-0.97	1026.06	99.4	32.43	-0.93	1026.07	110.6	32.43	-0.80	1026.06
88.8	32.43	-0.97	1026.07	99.6	32.42	-0.92	1026.06	111.1	32.41	-0.79	1026.05
89.0	32.43	-0.97	1026.07	99.9	32.42	-0.92	1026.06	111.2	32.43	-0.78	1026.06
89.3	32.43	-0.97	1026.07	100.1	32.42	-0.92	1026.06	111.3	32.42	-0.78	1026.06
89.4	32.43	-0.96	1026.07	100.4	32.43	-0.93	1026.07	111.5	32.43	-0.78	1026.06
89.8	32.43	-0.97	1026.07	100.5	32.44	-0.93	1026.08	111.6	32.44	-0.77	1026.07
89.9	32.43	-0.96	1026.07	100.9	32.44	-0.93	1026.08	112.0	32.44	-0.77	1026.07
90.1	32.43	-0.97	1026.07	101.2	32.44	-0.94	1026.08	112.3	32.44	-0.77	1026.07
90.4	32.43	-0.96	1026.07	101.6	32.42	-0.95	1026.06	112.6	32.44	-0.77	1026.07
90.6	32.43	-0.96	1026.07	101.9	32.45	-0.95	1026.09	112.7	32.44	-0.77	1026.07
91.1	32.42	-0.97	1026.06	102.1	32.44	-0.95	1026.08	112.8	32.44	-0.76	1026.07
91.2	32.43	-0.97	1026.07	102.3	32.44	-0.96	1026.08	113.2	32.43	-0.76	1026.06
91.5	32.41	-0.96	1026.05	102.6	32.44	-0.96	1026.08	113.3	32.44	-0.75	1026.07
91.6	32.42	-0.96	1026.06	102.7	32.44	-0.97	1026.08	113.8	32.45	-0.74	1026.08
91.7	32.42	-0.96	1026.06	103.0	32.42	-0.96	1026.06	114.2	32.41	-0.72	1026.04
91.9	32.42	-0.96	1026.06	103.2	32.44	-0.97	1026.08	114.4	32.44	-0.70	1026.07
92.1	32.42	-0.96	1026.06	103.4	32.44	-0.97	1026.08	114.5	32.44	-0.70	1026.07
92.3	32.42	-0.96	1026.06	103.7	32.44	-0.97	1026.08	114.8	32.42	-0.70	1026.05
92.9	32.42	-0.96	1026.06	103.9	32.42	-0.96	1026.06	114.9	32.44	-0.70	1026.07
93.1	32.43	-0.97	1026.07	104.2	32.42	-0.93	1026.06	115.3	32.44	-0.71	1026.07
93.5	32.42	-0.97	1026.06	104.5	32.43	-0.94	1026.07	115.6	32.45	-0.72	1026.08
93.6	32.43	-0.97	1026.07	104.8	32.44	-0.93	1026.08	116.1	32.44	-0.73	1026.07
93.7	32.43	-0.97	1026.07	104.9	32.44	-0.93	1026.08	116.8	32.43	-0.72	1026.06
94.0	32.43	-0.97	1026.07	105.2	32.43	-0.94	1026.07	116.9	32.45	-0.72	1026.08
94.1	32.42	-0.96	1026.06	105.3	32.46	-0.96	1026.09	117.0	32.45	-0.72	1026.08
94.2	32.42	-0.96	1026.06	105.4	32.44	-0.96	1026.08	117.1	32.44	-0.72	1026.07
94.4	32.43	-0.96	1026.07	105.7	32.44	-0.95	1026.08	117.3	32.45	-0.72	1026.08
94.8	32.42	-0.94	1026.06	105.9	32.41	-0.94	1026.05	117.5	32.44	-0.73	1026.07
94.9	32.43	-0.94	1026.07	106.0	32.43	-0.94	1026.07	118.1	32.45	-0.73	1026.08
95.3	32.42	-0.93	1026.06	106.3	32.42	-0.92	1026.06	118.5	32.44	-0.75	1026.07
95.5	32.42	-0.93	1026.06	106.5	32.38	-0.88	1026.03	118.6	32.46	-0.75	1026.09
95.7	32.43	-0.93	1026.07	106.6	32.40	-0.88	1026.04	119.1	32.46	-0.75	1026.09
95.8	32.44	-0.94	1026.08	106.9	32.42	-0.86	1026.06	119.5	32.46	-0.76	1026.09
96.2	32.43	-0.93	1026.07	107.1	32.40	-0.84	1026.04	119.7	32.45	-0.75	1026.08
96.3	32.43	-0.93	1026.07	107.5	32.43	-0.83	1026.07	120.0	32.44	-0.76	1026.07
96.4	32.42	-0.96	1026.06	107.9	32.44	-0.84	1026.07	120.2	32.45	-0.77	1026.08
97.0	32.42	-0.95	1026.06	108.3	32.44	-0.83	1026.07	120.8	32.44	-0.78	1026.07
97.3	32.42	-0.95	1026.06	108.4	32.43	-0.83	1026.07	121.2	32.44	-0.77	1026.07
97.6	32.44	-0.94	1026.08	108.5	32.42	-0.82	1026.06	121.7	32.44	-0.77	1026.07
97.9	32.43	-0.93	1026.07	108.8	32.43	-0.82	1026.06	121.8	32.46	-0.78	1026.09
98.1	32.42	-0.93	1026.06	108.9	32.44	-0.82	1026.07	122.2	32.43	-0.78	1026.06
98.3	32.43	-0.94	1026.07	109.1	32.44	-0.82	1026.07	122.3	32.44	-0.78	1026.07

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Table A1.48. Station 87063 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
122.4	32.44	-0.78	1026.07	135.0	32.44	-0.89	1026.08	145.7	32.46	-0.86	1026.09
122.7	32.45	-0.78	1026.08	135.4	32.43	-0.88	1026.07	145.9	32.44	-0.86	1026.07
122.8	32.44	-0.78	1026.07	135.6	32.44	-0.88	1026.07	146.1	32.46	-0.86	1026.09
122.9	32.45	-0.78	1026.08	136.0	32.45	-0.88	1026.08	146.2	32.46	-0.86	1026.09
123.1	32.42	-0.76	1026.05	136.2	32.45	-0.88	1026.08	146.7	32.46	-0.88	1026.09
123.4	32.44	-0.74	1026.07	136.4	32.44	-0.88	1026.07	147.1	32.45	-0.88	1026.08
123.9	32.44	-0.72	1026.07	136.5	32.43	-0.88	1026.07	147.6	32.45	-0.88	1026.08
124.4	32.44	-0.73	1026.07	136.6	32.42	-0.88	1026.06	147.8	32.45	-0.88	1026.08
124.6	32.44	-0.72	1026.07	137.0	32.44	-0.88	1026.07	148.0	32.46	-0.87	1026.09
125.1	32.43	-0.70	1026.06	137.2	32.45	-0.88	1026.08	148.1	32.45	-0.87	1026.08
125.3	32.43	-0.70	1026.06	137.5	32.45	-0.88	1026.08	148.3	32.45	-0.88	1026.08
125.7	32.45	-0.70	1026.08	138.0	32.44	-0.86	1026.07	148.4	32.46	-0.87	1026.09
125.8	32.45	-0.69	1026.08	138.2	32.46	-0.85	1026.09	148.7	32.45	-0.87	1026.08
126.1	32.44	-0.68	1026.07	138.5	32.46	-0.85	1026.09	148.9	32.47	-0.88	1026.10
126.4	32.44	-0.69	1026.07	138.6	32.46	-0.86	1026.09	149.2	32.47	-0.88	1026.10
126.8	32.46	-0.70	1026.08	138.8	32.44	-0.86	1026.07	149.4	32.46	-0.88	1026.09
127.0	32.47	-0.75	1026.09	139.0	32.46	-0.86	1026.09	149.9	32.47	-0.88	1026.10
127.4	32.47	-0.80	1026.10	139.1	32.44	-0.86	1026.07	150.6	32.46	-0.86	1026.09
127.6	32.48	-0.82	1026.11	139.3	32.46	-0.86	1026.09	150.9	32.46	-0.88	1026.09
127.7	32.48	-0.82	1026.11	139.4	32.44	-0.86	1026.07	151.2	32.46	-0.88	1026.09
127.9	32.46	-0.82	1026.09	139.8	32.44	-0.86	1026.07	151.3	32.46	-0.88	1026.09
128.1	32.47	-0.83	1026.10	139.9	32.45	-0.86	1026.08	151.4	32.46	-0.88	1026.09
128.2	32.47	-0.86	1026.10	140.2	32.44	-0.86	1026.07	151.7	32.47	-0.87	1026.10
128.3	32.48	-0.86	1026.11	140.3	32.45	-0.86	1026.08	152.0	32.47	-0.87	1026.10
128.7	32.46	-0.86	1026.09	140.4	32.46	-0.86	1026.09	152.5	32.47	-0.86	1026.10
128.9	32.44	-0.88	1026.07	140.5	32.46	-0.86	1026.09	152.8	32.47	-0.86	1026.10
129.3	32.44	-0.89	1026.08	140.8	32.45	-0.86	1026.08	153.0	32.46	-0.86	1026.09
129.7	32.44	-0.89	1026.08	141.2	32.46	-0.86	1026.09	153.3	32.47	-0.86	1026.10
130.0	32.44	-0.89	1026.08	141.4	32.46	-0.86	1026.09	153.4	32.46	-0.86	1026.09
130.2	32.45	-0.89	1026.08	141.8	32.45	-0.86	1026.08	153.6	32.47	-0.86	1026.10
130.4	32.44	-0.89	1026.08	142.2	32.45	-0.87	1026.08	153.8	32.48	-0.86	1026.11
130.7	32.44	-0.89	1026.08	142.3	32.44	-0.86	1026.07	154.0	32.48	-0.86	1026.11
130.9	32.46	-0.89	1026.09	142.5	32.46	-0.86	1026.09	154.1	32.47	-0.86	1026.10
131.1	32.46	-0.89	1026.09	142.9	32.45	-0.86	1026.08	154.2	32.48	-0.86	1026.11
131.2	32.44	-0.88	1026.07	143.1	32.45	-0.86	1026.08	154.4	32.48	-0.86	1026.11
131.3	32.45	-0.89	1026.08	143.5	32.44	-0.86	1026.07	154.7	32.49	-0.87	1026.11
131.8	32.46	-0.89	1026.09	143.6	32.45	-0.86	1026.08	155.0	32.46	-0.87	1026.09
132.3	32.44	-0.89	1026.08	143.8	32.44	-0.86	1026.07	155.5	32.48	-0.88	1026.11
132.8	32.44	-0.89	1026.08	143.9	32.44	-0.86	1026.07	155.9	32.47	-0.88	1026.10
133.2	32.46	-0.89	1026.09	144.1	32.44	-0.86	1026.07	156.2	32.48	-0.88	1026.11
133.5	32.46	-0.89	1026.09	144.3	32.45	-0.86	1026.08	156.3	32.47	-0.87	1026.10
133.7	32.45	-0.89	1026.08	144.6	32.46	-0.86	1026.09	156.5	32.46	-0.87	1026.09
133.8	32.44	-0.89	1026.08	144.9	32.44	-0.86	1026.07	156.6	32.46	-0.87	1026.09
133.9	32.45	-0.89	1026.08	145.1	32.46	-0.86	1026.09	156.8	32.46	-0.85	1026.09
134.3	32.45	-0.89	1026.08	145.4	32.46	-0.86	1026.09	157.0	32.49	-0.86	1026.11
134.6	32.44	-0.89	1026.08	145.6	32.44	-0.86	1026.07	157.3	32.49	-0.86	1026.11

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Table A1.48. Station 87063 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
157.6	32.49	-0.86	1026.11	168.3	32.74	-1.38	1026.33	180.3	33.39	-1.33	1026.86
157.9	32.49	-0.84	1026.11	168.4	32.79	-1.39	1026.37	180.6	33.40	-1.32	1026.87
158.2	32.46	-0.81	1026.09	168.9	32.80	-1.39	1026.38	181.0	33.40	-1.32	1026.87
158.5	32.50	-0.79	1026.12	169.2	32.81	-1.39	1026.39	181.4	33.41	-1.31	1026.87
158.7	32.50	-0.78	1026.12	169.3	32.80	-1.39	1026.38	181.6	33.42	-1.31	1026.88
158.9	32.51	-0.79	1026.13	169.5	32.80	-1.39	1026.38	181.9	33.42	-1.30	1026.88
159.1	32.51	-0.79	1026.13	169.7	32.80	-1.39	1026.38	182.1	33.43	-1.30	1026.89
159.2	32.51	-0.79	1026.13	169.8	32.80	-1.39	1026.38	182.3	33.43	-1.30	1026.89
159.6	32.54	-0.81	1026.15	169.9	32.79	-1.39	1026.37	182.5	33.43	-1.29	1026.89
159.9	32.55	-0.83	1026.16	170.1	32.80	-1.39	1026.38	182.6	33.45	-1.28	1026.91
160.3	32.57	-0.86	1026.18	170.5	32.81	-1.40	1026.39	182.9	33.47	-1.27	1026.92
160.9	32.58	-0.88	1026.19	170.9	32.84	-1.41	1026.42	183.1	33.50	-1.27	1026.95
161.1	32.61	-0.91	1026.21	171.1	32.84	-1.41	1026.42	183.3	33.49	-1.27	1026.94
161.3	32.62	-0.92	1026.22	171.5	32.85	-1.42	1026.42	183.7	33.51	-1.26	1026.95
161.5	32.61	-0.92	1026.21	171.6	32.83	-1.41	1026.41	184.1	33.52	-1.26	1026.96
161.6	32.62	-0.92	1026.22	171.8	32.84	-1.41	1026.42	184.3	33.52	-1.26	1026.96
161.9	32.66	-0.96	1026.26	171.9	32.85	-1.43	1026.42	184.9	33.52	-1.26	1026.96
162.1	32.63	-0.96	1026.23	172.0	32.85	-1.43	1026.42	185.1	33.51	-1.27	1026.95
162.5	32.66	-1.05	1026.26	172.2	32.85	-1.43	1026.42	185.2	33.52	-1.26	1026.96
162.8	32.66	-1.09	1026.26	172.5	32.85	-1.43	1026.42	185.3	33.52	-1.27	1026.96
163.1	32.69	-1.20	1026.29	172.6	32.88	-1.44	1026.45	185.4	33.51	-1.26	1026.95
163.5	32.69	-1.23	1026.29	172.9	32.87	-1.44	1026.44	185.7	33.51	-1.26	1026.95
163.6	32.71	-1.25	1026.31	173.0	32.89	-1.44	1026.46	185.9	33.51	-1.26	1026.95
163.7	32.71	-1.25	1026.31	173.3	32.90	-1.43	1026.46	186.7	33.51	-1.26	1026.95
164.0	32.71	-1.25	1026.31	173.6	32.93	-1.43	1026.49	187.0	33.52	-1.26	1026.96
164.1	32.69	-1.23	1026.29	173.9	32.95	-1.43	1026.51	187.3	33.52	-1.26	1026.96
164.2	32.71	-1.25	1026.31	174.3	33.01	-1.44	1026.55	187.4	33.52	-1.26	1026.96
164.5	32.71	-1.27	1026.31	174.6	33.02	-1.44	1026.56	187.5	33.52	-1.26	1026.96
164.7	32.71	-1.28	1026.31	174.7	33.01	-1.44	1026.55	187.9	33.54	-1.25	1026.98
165.0	32.73	-1.30	1026.32	174.8	33.01	-1.44	1026.55	188.1	33.58	-1.22	1027.01
165.1	32.74	-1.32	1026.33	175.1	33.10	-1.43	1026.63	188.6	33.58	-1.22	1027.01
165.3	32.73	-1.32	1026.32	175.3	33.13	-1.43	1026.65	188.9	33.58	-1.21	1027.01
165.6	32.75	-1.34	1026.34	175.8	33.17	-1.43	1026.68	189.0	33.58	-1.22	1027.01
165.7	32.75	-1.35	1026.34	176.2	33.17	-1.42	1026.68	189.1	33.57	-1.21	1027.00
166.0	32.77	-1.35	1026.36	176.5	33.20	-1.42	1026.71	189.3	33.58	-1.22	1027.01
166.3	32.77	-1.36	1026.36	176.8	33.20	-1.41	1026.71	189.4	33.58	-1.22	1027.01
166.4	32.75	-1.36	1026.34	177.0	33.22	-1.41	1026.72	189.6	33.61	-1.20	1027.03
166.7	32.75	-1.37	1026.34	177.2	33.21	-1.40	1026.72	189.9	33.62	-1.18	1027.04
166.8	32.76	-1.37	1026.35	177.3	33.22	-1.40	1026.72	190.2	33.63	-1.17	1027.05
167.2	32.76	-1.38	1026.35	178.0	33.31	-1.37	1026.80	190.5	33.65	-1.17	1027.07
167.3	32.77	-1.37	1026.36	178.4	33.30	-1.37	1026.79	190.7	33.65	-1.16	1027.06
167.5	32.77	-1.36	1026.36	178.8	33.32	-1.37	1026.80	191.0	33.65	-1.16	1027.06
167.7	32.76	-1.37	1026.35	179.3	33.34	-1.36	1026.82	191.1	33.64	-1.16	1027.06
167.8	32.77	-1.37	1026.36	179.5	33.34	-1.36	1026.82	191.2	33.65	-1.16	1027.06
168.1	32.77	-1.36	1026.36	179.6	33.35	-1.36	1026.83	191.3	33.66	-1.16	1027.07
168.2	32.77	-1.36	1026.36	179.9	33.37	-1.35	1026.84	191.5	33.65	-1.16	1027.06

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Table A1.48. Station 87063 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
191.9	33.67	-1.16	1027.08	193.9	33.72	-1.10	1027.12	195.2	33.88	-0.97	1027.24
192.1	33.67	-1.15	1027.08	194.2	33.73	-1.08	1027.13	195.4	33.90	-0.95	1027.26
192.5	33.68	-1.15	1027.09	194.3	33.75	-1.05	1027.14	195.7	33.93	-0.94	1027.28
192.6	33.67	-1.14	1027.08	194.4	33.74	-1.07	1027.13	195.9	33.93	-0.93	1027.28
192.8	33.67	-1.14	1027.08	194.5	33.74	-1.04	1027.13	196.2	33.94	-0.93	1027.29
193.2	33.67	-1.13	1027.08	194.7	33.74	-1.07	1027.13	196.3	33.94	-0.93	1027.29
193.4	33.71	-1.12	1027.11	194.9	33.81	-0.98	1027.19	196.4	33.92	-0.92	1027.28

STATION: 87064 DATE: 24 August

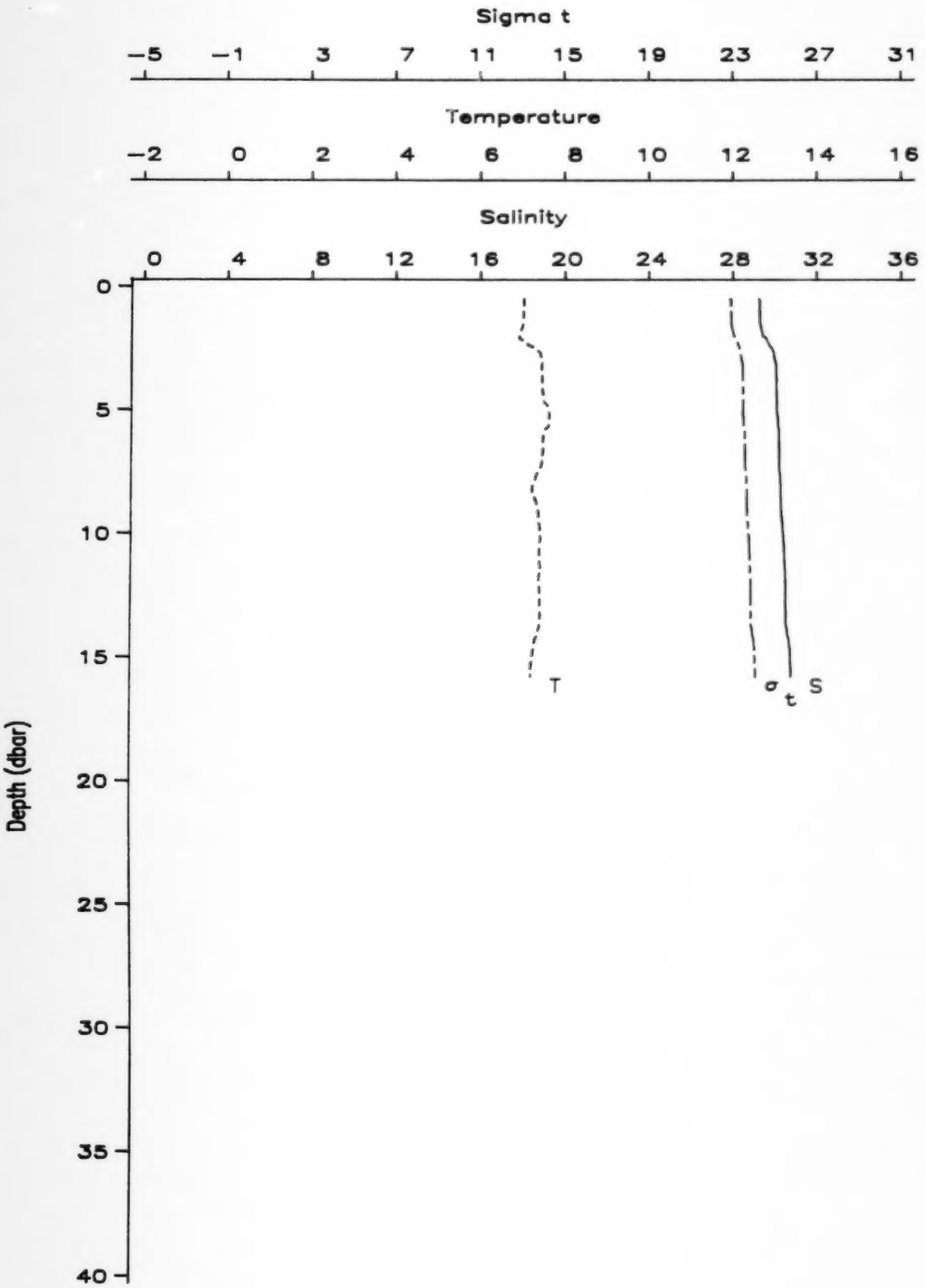

Table A1.49. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87064, August 24, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	29.26	7.01	1022.90	6.1	30.18	7.46	1023.56	11.2	30.43	7.38	1023.77
0.6	29.28	7.01	1022.92	6.3	30.17	7.46	1023.56	11.5	30.43	7.40	1023.77
0.9	29.27	7.01	1022.91	6.5	30.19	7.46	1023.57	11.6	30.45	7.37	1023.79
1.0	29.28	7.00	1022.92	6.7	30.18	7.46	1023.56	11.9	30.46	7.34	1023.80
1.1	29.28	7.00	1022.92	6.8	30.19	7.45	1023.57	12.0	30.46	7.35	1023.80
1.2	29.29	7.00	1022.92	6.9	30.18	7.45	1023.57	12.2	30.46	7.37	1023.80
1.5	29.29	6.99	1022.93	7.0	30.18	7.45	1023.57	12.3	30.47	7.37	1023.80
1.6	29.32	6.98	1022.95	7.3	30.18	7.41	1023.57	12.5	30.46	7.38	1023.80
1.7	29.34	6.96	1022.97	7.4	30.20	7.37	1023.59	12.6	30.46	7.38	1023.80
2.0	29.43	6.90	1023.05	7.6	30.22	7.31	1023.62	12.7	30.46	7.38	1023.80
2.1	29.58	6.90	1023.17	7.8	30.24	7.27	1023.64	12.8	30.46	7.37	1023.80
2.4	29.75	7.15	1023.27	7.9	30.24	7.24	1023.64	13.0	30.46	7.38	1023.80
2.5	29.84	7.27	1023.32	8.2	30.26	7.19	1023.66	13.1	30.47	7.38	1023.80
2.7	29.96	7.41	1023.40	8.4	30.24	7.21	1023.64	13.2	30.48	7.38	1023.81
2.9	29.98	7.43	1023.41	8.5	30.25	7.23	1023.65	13.3	30.46	7.38	1023.80
3.0	30.00	7.45	1023.42	8.6	30.26	7.27	1023.65	13.6	30.46	7.38	1023.80
3.1	30.04	7.46	1023.45	8.8	30.25	7.31	1023.64	13.7	30.48	7.36	1023.81
3.2	30.06	7.44	1023.47	8.9	30.26	7.33	1023.64	13.8	30.50	7.36	1023.83
3.5	30.06	7.45	1023.47	9.0	30.27	7.34	1023.65	13.9	30.53	7.33	1023.86
3.7	30.06	7.46	1023.47	9.1	30.28	7.35	1023.66	14.1	30.55	7.31	1023.88
3.8	30.07	7.45	1023.48	9.3	30.28	7.36	1023.66	14.2	30.58	7.28	1023.90
4.2	30.07	7.46	1023.48	9.4	30.30	7.36	1023.67	14.3	30.62	7.25	1023.94
4.3	30.08	7.46	1023.49	9.5	30.29	7.37	1023.66	14.6	30.66	7.22	1023.97
4.4	30.08	7.48	1023.48	9.6	30.33	7.37	1023.69	14.7	30.68	7.21	1023.99
4.7	30.09	7.50	1023.49	9.7	30.32	7.38	1023.69	14.8	30.69	7.20	1024.00
4.9	30.08	7.60	1023.47	9.9	30.33	7.39	1023.69	14.9	30.68	7.19	1023.99
5.1	30.09	7.62	1023.47	10.0	30.35	7.39	1023.71	15.2	30.70	7.18	1024.01
5.2	30.10	7.62	1023.48	10.1	30.36	7.40	1023.71	15.3	30.71	7.16	1024.02
5.3	30.12	7.62	1023.50	10.2	30.38	7.40	1023.73	15.4	30.72	7.15	1024.03
5.4	30.13	7.62	1023.50	10.5	30.40	7.36	1023.75	15.5	30.72	7.16	1024.03
5.6	30.14	7.61	1023.51	10.7	30.39	7.37	1023.74	15.7	30.72	7.15	1024.03
5.7	30.14	7.59	1023.52	10.8	30.41	7.37	1023.76	15.8	30.72	7.15	1024.03
5.8	30.18	7.52	1023.56	11.0	30.42	7.36	1023.77				
5.9	30.18	7.47	1023.56	11.1	30.42	7.37	1023.77				

STATION: 87066 DATE: 25 August

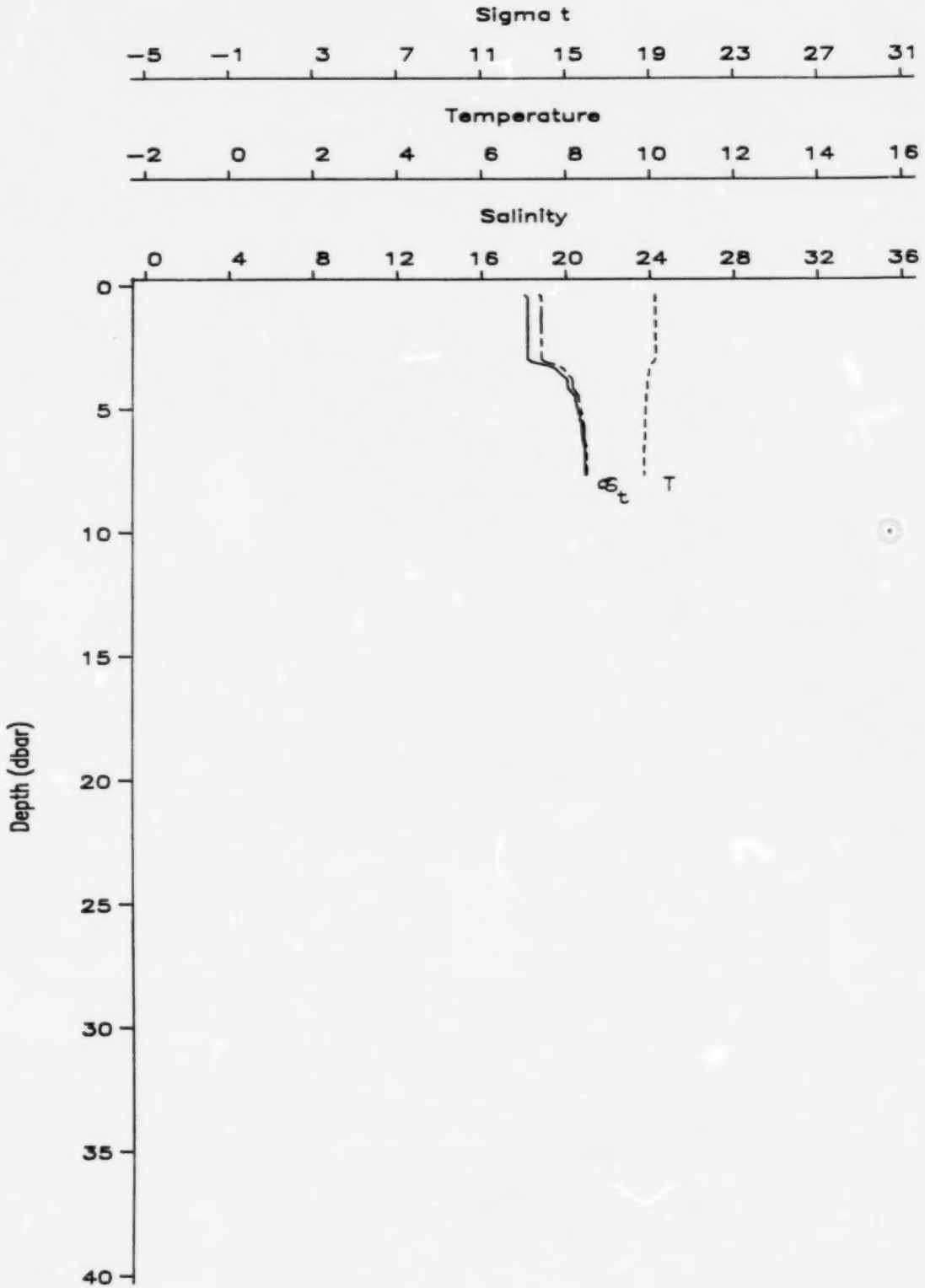

Table A1.50. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87066, August 25, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	18.05	10.13	1013.74	2.8	18.18	10.13	1013.84	5.4	20.64	9.86	1015.79
0.5	18.17	10.13	1013.83	3.0	18.18	10.12	1013.84	5.5	20.65	9.86	1015.79
0.6	18.17	10.13	1013.83	3.1	18.34	10.09	1013.97	5.7	20.73	9.85	1015.86
0.7	18.17	10.13	1013.83	3.3	19.27	9.99	1014.70	5.8	20.74	9.85	1015.87
0.8	18.17	10.14	1013.83	3.4	19.50	9.97	1014.88	6.0	20.75	9.86	1015.87
1.2	18.17	10.13	1013.83	3.6	19.72	9.96	1015.06	6.3	20.76	9.85	1015.88
1.3	18.15	10.13	1013.81	3.8	20.00	9.93	1015.28	6.5	20.82	9.84	1015.93
1.5	18.16	10.14	1013.82	3.9	20.05	9.92	1015.32	6.6	20.87	9.83	1015.97
1.6	18.18	10.13	1013.84	4.2	20.09	9.92	1015.35	6.9	20.88	9.83	1015.98
1.7	18.17	10.13	1013.83	4.3	20.18	9.90	1015.42	7.1	20.88	9.83	1015.98
1.8	18.17	10.13	1013.83	4.4	20.28	9.90	1015.50	7.3	20.89	9.83	1015.98
2.1	18.18	10.13	1013.84	4.5	20.40	9.89	1015.60	7.4	20.87	9.83	1015.97
2.2	18.18	10.13	1013.84	4.7	20.43	9.89	1015.62	7.5	20.88	9.83	1015.98
2.3	18.18	10.13	1013.84	4.9	20.48	9.87	1015.66	7.6	20.89	9.84	1015.98
2.5	18.17	10.14	1013.83	5.2	20.57	9.87	1015.73	7.7	20.88	9.83	1015.98
2.7	18.18	10.13	1013.84	5.3	20.64	9.86	1015.79				

STATION: 87067 DATE: 25 August

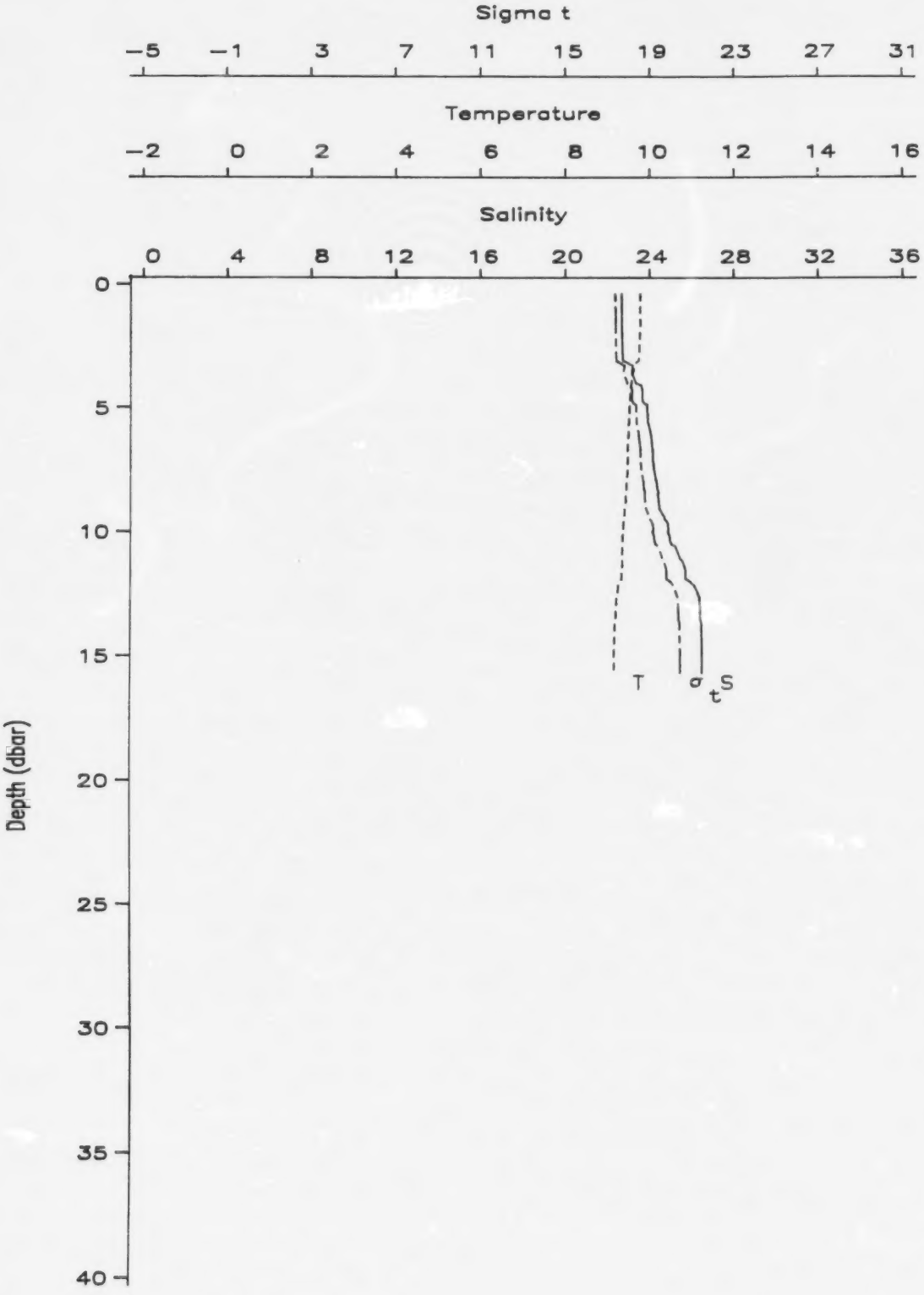

Table A1.51. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87067, August 25, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	22.67	9.78	1017.38	5.6	23.90	9.50	1018.37	11.2	25.54	9.33	1019.68
0.5	22.67	9.78	1017.38	5.7	23.95	9.49	1018.41	11.4	25.62	9.33	1019.74
0.7	22.68	9.78	1017.38	5.9	24.00	9.49	1018.45	11.6	25.69	9.32	1019.79
0.9	22.67	9.78	1017.38	6.1	24.05	9.48	1018.49	11.7	25.69	9.31	1019.80
1.0	22.68	9.77	1017.39	6.4	24.10	9.47	1018.53	11.9	25.67	9.32	1019.78
1.1	22.68	9.77	1017.39	6.7	24.14	9.46	1018.57	12.0	25.87	9.27	1019.94
1.4	22.68	9.77	1017.39	7.0	24.13	9.47	1018.56	12.2	26.10	9.23	1020.13
1.5	22.67	9.78	1017.38	7.2	24.15	9.46	1018.57	12.5	26.26	9.21	1020.25
1.8	22.68	9.77	1017.39	7.3	24.17	9.46	1018.59	12.6	26.30	9.21	1020.29
2.0	22.69	9.77	1017.39	7.5	24.19	9.46	1018.60	12.7	26.36	9.19	1020.34
2.1	22.68	9.76	1017.39	7.9	24.28	9.44	1018.68	13.0	26.38	9.18	1020.35
2.4	22.70	9.75	1017.40	8.0	24.31	9.44	1018.70	13.2	26.37	9.17	1020.35
2.5	22.70	9.75	1017.40	8.3	24.36	9.43	1018.74	13.3	26.37	9.17	1020.35
2.7	22.70	9.75	1017.40	8.4	24.40	9.42	1018.77	13.4	26.38	9.17	1020.35
3.1	22.73	9.73	1017.43	8.5	24.37	9.42	1018.75	13.6	26.39	9.16	1020.36
3.2	22.96	9.67	1017.62	8.8	24.42	9.42	1018.79	13.7	26.44	9.15	1020.40
3.3	23.17	9.61	1017.79	9.1	24.46	9.39	1018.83	13.9	26.44	9.15	1020.40
3.5	23.14	9.62	1017.76	9.3	24.59	9.38	1018.93	14.3	26.45	9.14	1020.41
3.6	23.19	9.58	1017.81	9.4	24.68	9.38	1019.00	14.4	26.46	9.14	1020.42
3.7	23.20	9.57	1017.82	9.5	24.70	9.38	1019.01	14.6	26.46	9.13	1020.42
4.0	23.34	9.56	1017.93	9.6	24.80	9.37	1019.09	14.7	26.46	9.13	1020.42
4.1	23.59	9.55	1018.12	9.7	24.86	9.36	1019.14	14.8	26.47	9.13	1020.43
4.2	23.63	9.54	1018.16	9.9	24.89	9.35	1019.17	14.9	26.46	9.13	1020.42
4.3	23.65	9.54	1018.17	10.0	24.85	9.35	1019.13	15.1	26.46	9.13	1020.42
4.4	23.64	9.53	1018.17	10.1	24.89	9.35	1019.17	15.2	26.47	9.13	1020.43
4.7	23.64	9.52	1018.17	10.2	24.94	9.34	1019.21	15.3	26.46	9.14	1020.42
4.8	23.71	9.53	1018.22	10.4	24.97	9.34	1019.23	15.4	26.46	9.14	1020.42
4.9	23.87	9.51	1018.35	10.5	25.02	9.33	1019.27	15.5	26.46	9.13	1020.42
5.2	23.89	9.51	1018.36	10.6	25.20	9.33	1019.41	15.7	26.46	9.12	1020.42
5.3	23.91	9.51	1018.38	10.8	25.30	9.34	1019.49				
5.4	23.91	9.49	1018.38	11.1	25.43	9.33	1019.59				

STATION: 87065 DATE: 26 August

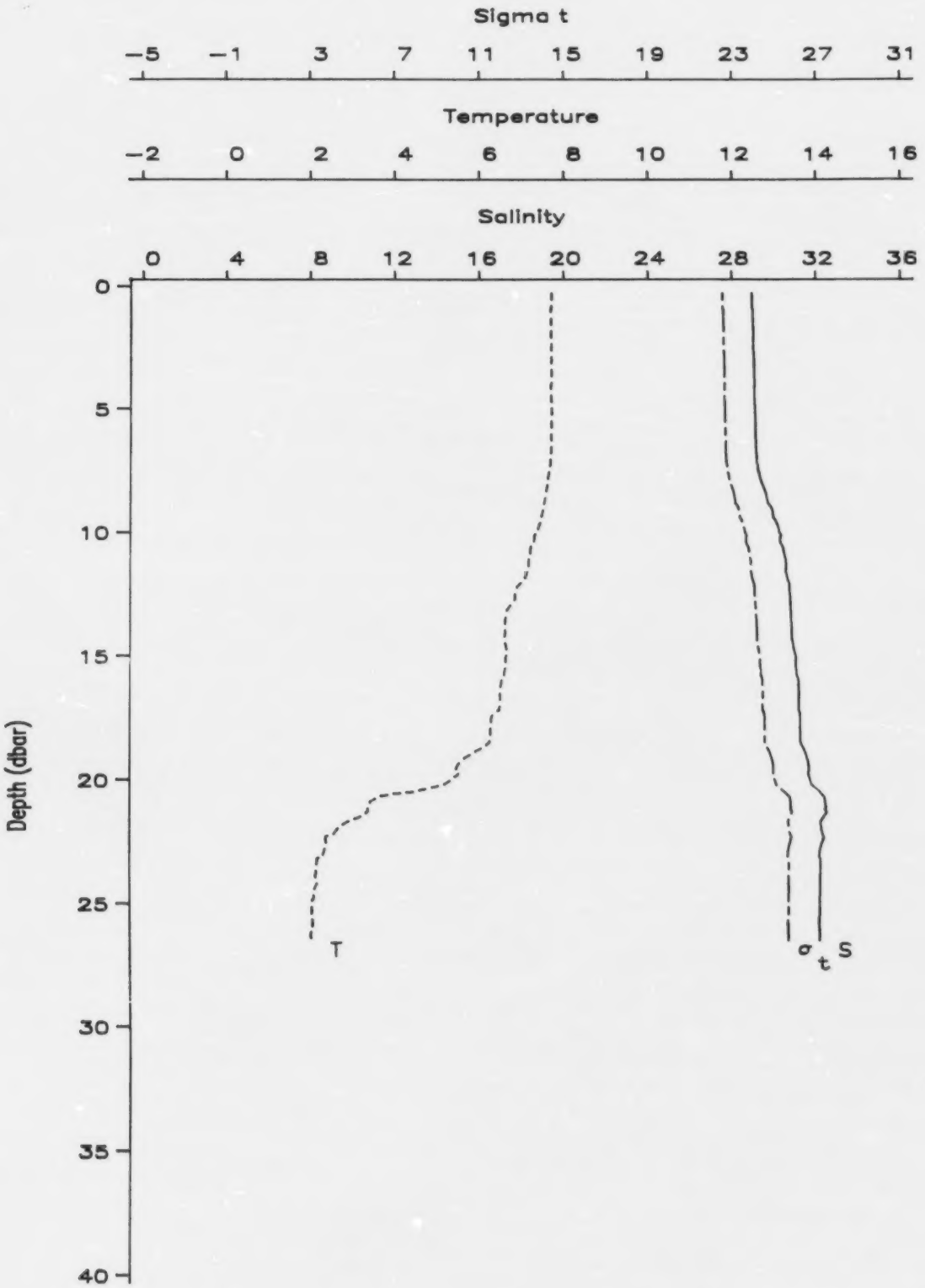

Table A1.52. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87065, August 26, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	28.97	7.71	1022.58	7.6	29.30	7.64	1022.85	14.9	31.00	6.64	1024.32
0.4	28.98	7.71	1022.59	7.8	29.36	7.62	1022.90	15.1	31.06	6.60	1024.37
0.5	28.98	7.71	1022.59	7.9	29.39	7.62	1022.92	15.2	31.02	6.61	1024.34
0.7	28.98	7.70	1022.59	8.0	29.43	7.61	1022.96	15.3	31.04	6.60	1024.35
0.9	28.98	7.71	1022.59	8.2	29.53	7.59	1023.04	15.4	31.05	6.60	1024.36
1.0	29.01	7.69	1022.62	8.4	29.62	7.57	1023.11	15.8	31.11	6.56	1024.41
1.1	29.01	7.70	1022.61	8.6	29.72	7.53	1023.19	16.0	31.18	6.51	1024.47
1.4	29.02	7.70	1022.62	8.9	29.81	7.52	1023.27	16.2	31.18	6.49	1024.48
1.6	29.03	7.70	1022.63	9.0	29.89	7.50	1023.33	16.4	31.20	6.47	1024.49
1.7	29.04	7.69	1022.64	9.1	29.93	7.50	1023.36	16.5	31.20	6.47	1024.49
1.8	29.03	7.70	1022.63	9.3	29.97	7.47	1023.40	16.6	31.19	6.47	1024.49
2.0	29.04	7.70	1022.64	9.4	29.98	7.46	1023.41	16.9	31.18	6.48	1024.48
2.1	29.02	7.70	1022.62	9.5	30.08	7.45	1023.49	17.2	31.18	6.45	1024.48
2.2	29.02	7.70	1022.62	9.6	30.12	7.44	1023.52	17.3	31.24	6.33	1024.54
2.5	29.01	7.70	1022.61	9.7	30.18	7.40	1023.57	17.5	31.27	6.26	1024.58
2.7	29.05	7.70	1022.65	10.0	30.27	7.36	1023.65	17.8	31.27	6.25	1024.58
2.9	29.08	7.70	1022.67	10.1	30.34	7.30	1023.71	17.9	31.26	6.24	1024.57
3.1	29.07	7.70	1022.66	10.2	30.30	7.28	1023.68	18.1	31.26	6.24	1024.57
3.2	29.08	7.70	1022.67	10.4	30.30	7.27	1023.68	18.3	31.27	6.24	1024.58
3.3	29.08	7.70	1022.67	10.5	30.37	7.23	1023.74	18.4	31.27	6.23	1024.58
3.5	29.07	7.70	1022.66	10.6	30.44	7.20	1023.80	18.5	31.26	6.22	1024.57
3.7	29.10	7.70	1022.68	10.7	30.46	7.19	1023.82	18.6	31.31	6.16	1024.62
4.0	29.11	7.70	1022.69	10.8	30.48	7.19	1023.84	18.7	31.39	6.06	1024.69
4.1	29.08	7.69	1022.67	11.0	30.53	7.18	1023.88	18.9	31.49	5.86	1024.80
4.3	29.10	7.70	1022.68	11.1	30.57	7.15	1023.91	19.2	31.61	5.58	1024.92
4.6	29.11	7.70	1022.69	11.4	30.59	7.14	1023.93	19.4	31.66	5.47	1024.98
4.7	29.12	7.71	1022.70	11.5	30.57	7.12	1023.92	19.6	31.68	5.42	1025.00
4.8	29.12	7.71	1022.70	11.6	30.58	7.12	1023.92	19.7	31.65	5.49	1024.97
4.9	29.13	7.71	1022.71	11.9	30.65	7.04	1023.99	19.8	31.64	5.48	1024.96
5.1	29.14	7.71	1022.71	12.1	30.74	6.94	1024.07	20.2	31.80	5.16	1025.12
5.2	29.14	7.71	1022.71	12.2	30.75	6.88	1024.09	20.5	32.20	4.41	1025.52
5.4	29.15	7.71	1022.72	12.3	30.75	6.84	1024.09	20.6	32.29	3.88	1025.64
5.6	29.15	7.70	1022.72	12.5	30.77	6.82	1024.11	20.7	32.40	3.58	1025.76
5.7	29.15	7.70	1022.72	12.6	30.78	6.82	1024.12	20.9	32.44	3.40	1025.81
5.9	29.15	7.70	1022.72	12.7	30.77	6.83	1024.11	21.1	32.48	3.33	1025.84
6.1	29.16	7.70	1022.73	12.8	30.79	6.78	1024.13	21.2	32.43	3.35	1025.80
6.2	29.16	7.70	1022.73	13.1	30.81	6.66	1024.16	21.3	32.52	3.35	1025.88
6.4	29.16	7.70	1022.73	13.2	30.82	6.62	1024.18	21.5	32.37	3.16	1025.77
6.5	29.17	7.70	1022.74	13.4	30.81	6.61	1024.17	21.6	32.29	3.03	1025.72
6.7	29.18	7.70	1022.75	13.6	30.84	6.59	1024.20	21.7	32.21	2.87	1025.67
6.8	29.18	7.69	1022.75	13.7	30.85	6.59	1024.20	22.0	32.26	2.62	1025.73
6.9	29.20	7.69	1022.76	13.8	30.85	6.59	1024.20	22.2	32.31	2.54	1025.78
7.0	29.21	7.68	1022.77	13.9	30.86	6.59	1024.21	22.3	32.38	2.35	1025.85
7.2	29.21	7.68	1022.77	14.1	30.84	6.59	1024.20	22.4	32.35	2.34	1025.82
7.3	29.25	7.67	1022.81	14.3	30.86	6.57	1024.21	22.6	32.25	2.37	1025.74
7.5	29.27	7.65	1022.82	14.7	30.94	6.63	1024.27	22.8	32.18	2.32	1025.69

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Table A1.52. Station 87065 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
22.9	32.16	2.31	1025.67	24.4	32.20	2.09	1025.72	25.8	32.13	2.05	1025.67
23.1	32.13	2.27	1025.65	24.5	32.18	2.06	1025.71	25.9	32.15	2.04	1025.69
23.2	32.21	2.14	1025.73	24.8	32.15	2.07	1025.68	26.0	32.17	2.04	1025.70
23.4	32.20	2.13	1025.72	24.9	32.18	2.03	1025.71	26.1	32.16	2.02	1025.70
23.6	32.21	2.12	1025.73	25.2	32.18	2.02	1025.71	26.3	32.17	1.99	1025.71
23.8	32.20	2.11	1025.72	25.3	32.18	2.02	1025.71	26.4	32.18	2.01	1025.71
23.9	32.19	2.10	1025.71	25.5	32.18	2.01	1025.71	26.5	32.18	2.01	1025.71
24.2	32.17	2.15	1025.69	25.6	32.14	2.04	1025.68				

STATION: 87068 DATE: 27 August

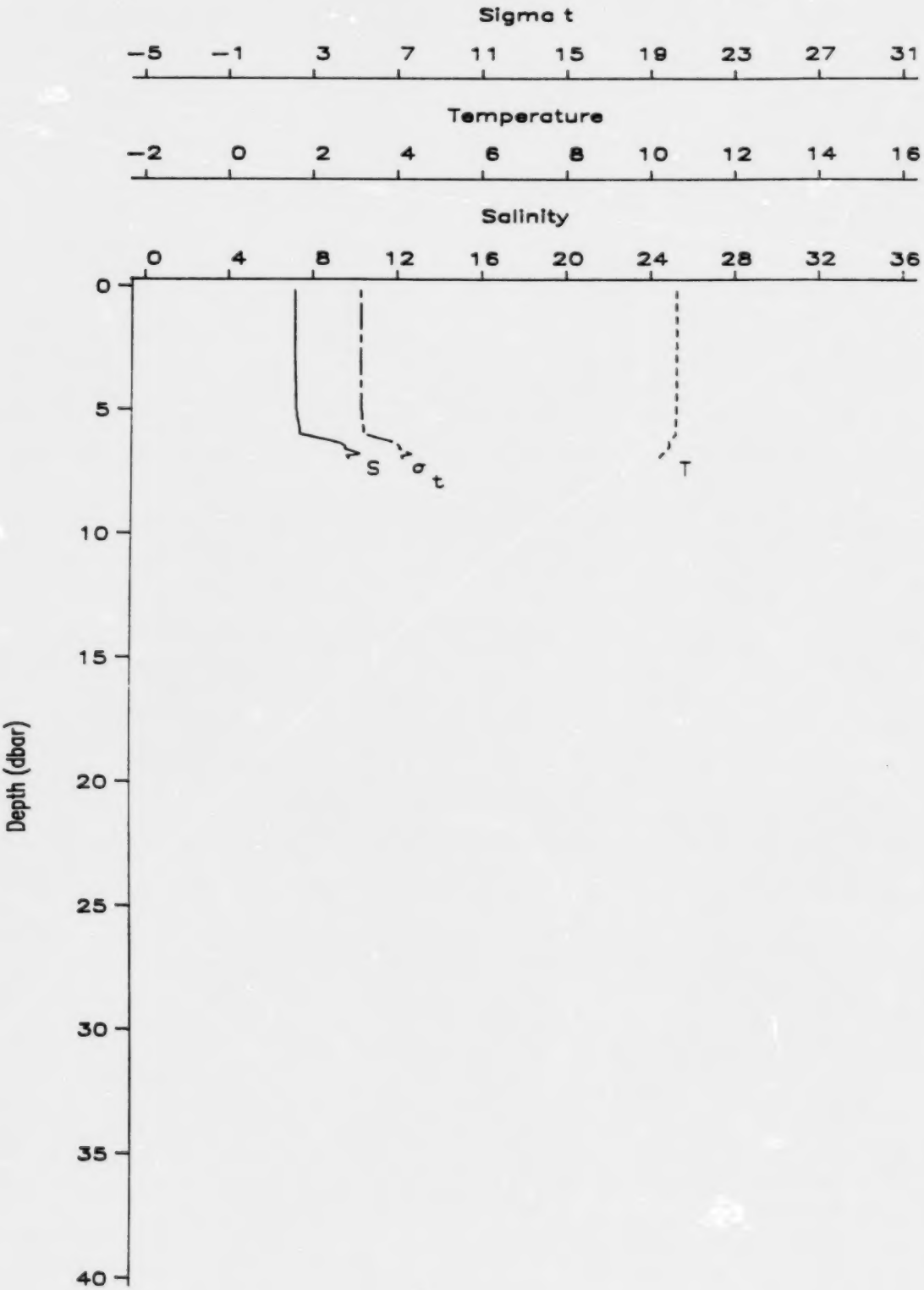

Table A1.53. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87068, August 27, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	7.16	10.62	1005.22	2.8	7.17	10.61	1005.23	5.3	7.26	10.59	1005.31
0.3	7.17	10.61	1005.23	2.9	7.17	10.61	1005.23	5.4	7.28	10.59	1005.32
0.5	7.16	10.61	1005.23	3.1	7.17	10.61	1005.23	5.5	7.32	10.58	1005.35
0.6	7.17	10.61	1005.23	3.2	7.17	10.62	1005.23	5.7	7.36	10.58	1005.38
0.7	7.17	10.62	1005.23	3.3	7.18	10.61	1005.24	5.8	7.38	10.59	1005.40
0.8	7.17	10.61	1005.23	3.6	7.18	10.61	1005.24	5.9	7.37	10.58	1005.39
1.0	7.17	10.61	1005.23	3.7	7.19	10.61	1005.25	6.0	7.39	10.58	1005.41
1.1	7.17	10.62	1005.23	3.9	7.18	10.60	1005.24	6.1	7.93	10.53	1005.83
1.3	7.17	10.62	1005.23	4.0	7.21	10.61	1005.26	6.3	9.00	10.41	1006.68
1.6	7.16	10.61	1005.23	4.2	7.20	10.60	1005.26	6.4	9.37	10.43	1006.96
1.8	7.17	10.62	1005.23	4.3	7.20	10.61	1005.26	6.5	9.54	10.42	1007.10
2.0	7.16	10.61	1005.23	4.4	7.20	10.61	1005.26	6.6	9.53	10.39	1007.09
2.1	7.16	10.61	1005.23	4.5	7.20	10.61	1005.26	6.8	10.24	10.25	1007.66
2.2	7.17	10.61	1005.23	4.8	7.22	10.60	1005.27	6.9	9.62	10.20	1007.18
2.3	7.17	10.62	1005.23	5.0	7.21	10.60	1005.27	7.0	9.69	10.21	1007.24
2.5	7.16	10.62	1005.22	5.2	7.26	10.59	1005.31				

STATION: 87069 DATE: 27 August

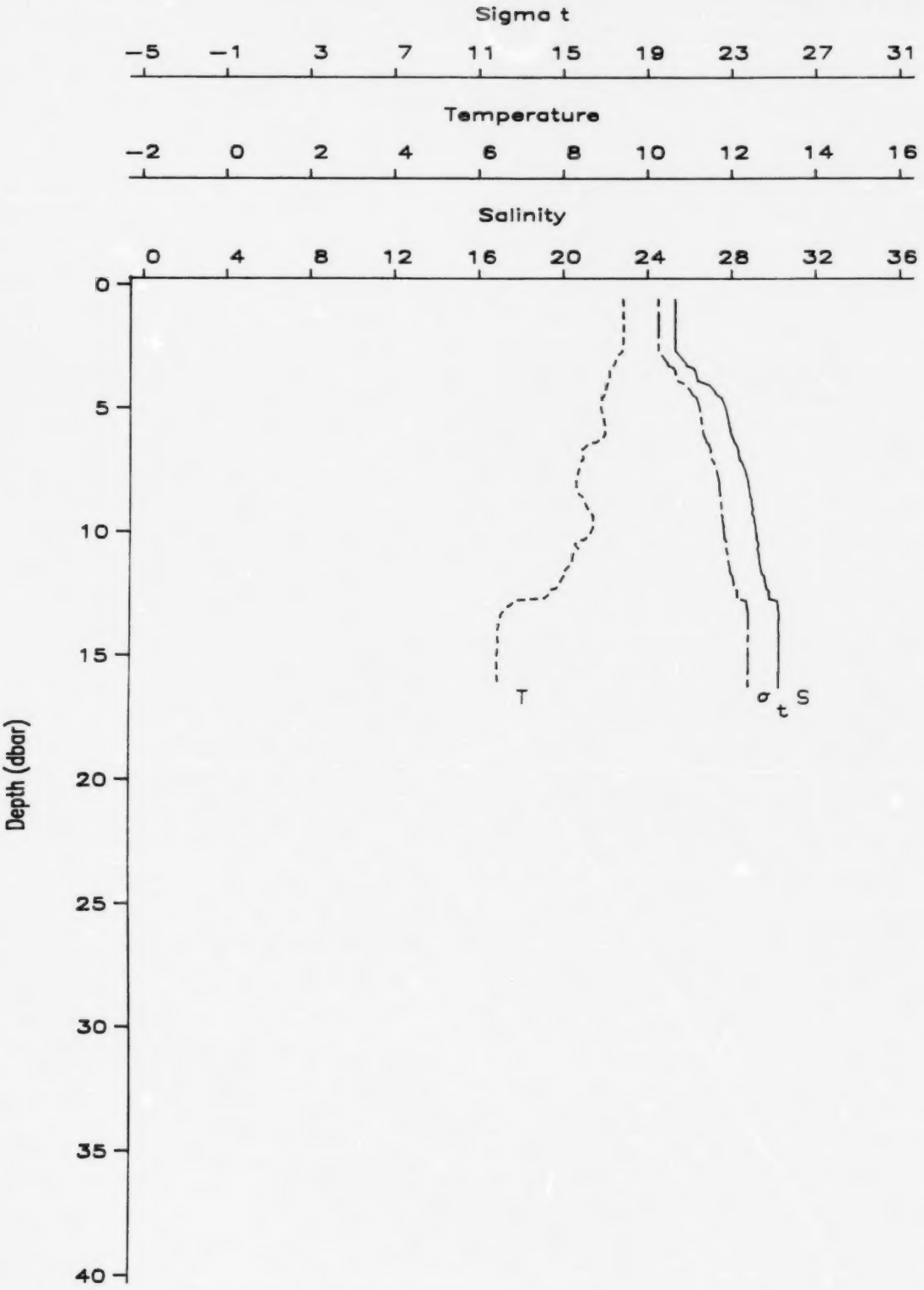

Table A1.54. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87069, August 27, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	25.30	9.42	1019.48	5.9	27.95	8.97	1021.61	10.9	29.29	8.21	1022.76
0.8	25.30	9.43	1019.47	6.0	27.95	8.98	1021.61	11.3	29.34	8.16	1022.81
0.9	25.31	9.43	1019.48	6.1	27.98	8.97	1021.63	11.6	29.39	8.01	1022.87
1.1	25.30	9.42	1019.48	6.2	28.04	8.93	1021.68	11.7	29.43	8.04	1022.90
1.3	25.30	9.42	1019.48	6.4	28.13	8.77	1021.78	11.8	29.54	7.98	1022.99
1.4	25.29	9.43	1019.47	6.5	28.22	8.56	1021.88	12.0	29.57	7.91	1023.03
1.7	25.31	9.43	1019.48	6.7	28.32	8.44	1021.97	12.2	29.61	7.85	1023.06
1.8	25.30	9.42	1019.48	7.0	28.36	8.46	1022.00	12.3	29.65	7.79	1023.10
2.1	25.30	9.43	1019.47	7.1	28.38	8.45	1022.02	12.4	29.77	7.64	1023.22
2.2	25.31	9.42	1019.48	7.2	28.49	8.40	1022.11	12.5	29.74	7.66	1023.19
2.3	25.30	9.42	1019.48	7.5	28.63	8.35	1022.23	12.7	29.78	7.53	1023.24
2.4	25.31	9.42	1019.48	7.7	28.69	8.32	1022.28	12.8	30.16	6.81	1023.63
2.7	25.33	9.39	1019.50	7.9	28.76	8.30	1022.34	13.0	30.20	6.71	1023.68
3.0	25.61	9.24	1019.74	8.1	28.81	8.28	1022.38	13.1	30.20	6.60	1023.69
3.2	25.80	9.21	1019.90	8.2	28.82	8.30	1022.38	13.4	30.25	6.48	1023.74
3.3	25.84	9.18	1019.93	8.5	28.87	8.36	1022.41	13.6	30.21	6.47	1023.71
3.4	26.14	9.09	1020.18	8.6	28.89	8.43	1022.42	14.0	30.23	6.40	1023.74
3.5	26.25	9.08	1020.27	8.7	28.94	8.48	1022.45	14.1	30.24	6.41	1023.75
3.9	26.37	9.07	1020.36	9.0	28.98	8.54	1022.48	14.3	30.22	6.41	1023.73
4.1	26.95	9.01	1020.82	9.1	29.01	8.57	1022.49	14.4	30.23	6.42	1023.74
4.3	27.16	8.98	1020.99	9.2	28.96	8.66	1022.44	14.9	30.23	6.40	1023.74
4.4	27.23	9.00	1021.04	9.3	28.97	8.66	1022.45	15.0	30.21	6.39	1023.72
4.5	27.32	8.95	1021.12	9.4	29.06	8.69	1022.52	15.5	30.22	6.39	1023.73
4.6	27.51	8.89	1021.28	9.6	29.08	8.68	1022.53	15.7	30.21	6.39	1023.72
5.0	27.71	8.87	1021.44	9.8	29.13	8.69	1022.57	15.9	30.22	6.39	1023.73
5.3	27.79	8.92	1021.49	10.1	29.17	8.61	1022.61	16.0	30.20	6.41	1023.71
5.4	27.82	8.94	1021.51	10.3	29.17	8.50	1022.63	16.1	30.21	6.40	1023.72
5.6	27.86	8.96	1021.54	10.5	29.28	8.25	1022.75	16.2	30.21	6.41	1023.72
5.8	27.91	8.98	1021.58	10.7	29.20	8.33	1022.68	16.3	30.21	6.41	1023.72

STATION: 87070 DATE: 04 September

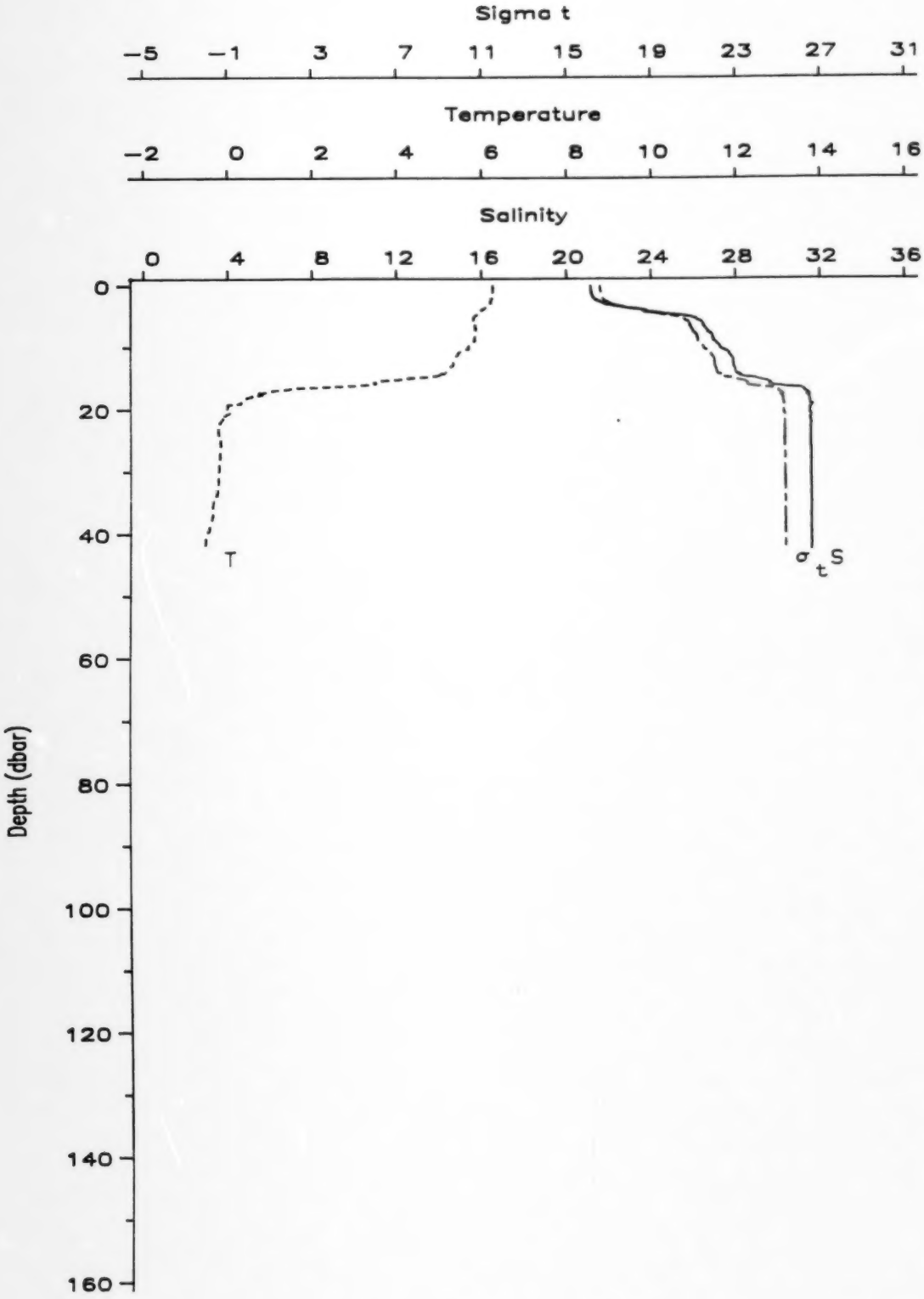

Table A1.55. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87070, September 4, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	21.14	6.25	1016.60	6.9	26.56	5.83	1020.91	14.5	28.16	5.01	1022.26
0.2	21.14	6.25	1016.60	7.0	26.57	5.85	1020.92	14.7	28.25	4.91	1022.34
0.4	21.15	6.25	1016.61	7.1	26.60	5.84	1020.94	14.9	28.59	4.59	1022.64
0.5	21.16	6.25	1016.61	7.3	26.65	5.85	1020.98	15.0	28.89	4.32	1022.90
0.6	21.16	6.25	1016.61	7.4	26.68	5.85	1021.00	15.3	29.16	4.00	1023.14
1.0	21.17	6.25	1016.62	7.5	26.68	5.85	1021.00	15.5	29.50	3.64	1023.45
1.1	21.19	6.25	1016.64	7.6	26.68	5.84	1021.00	15.8	29.66	3.44	1023.59
1.2	21.17	6.25	1016.62	7.7	26.75	5.85	1021.06	15.9	29.63	3.50	1023.56
1.3	21.18	6.25	1016.63	7.9	26.82	5.84	1021.11	16.0	29.63	3.44	1023.57
1.5	21.19	6.25	1016.64	8.1	26.90	5.83	1021.18	16.1	29.64	3.36	1023.58
1.6	21.19	6.24	1016.64	8.5	26.90	5.82	1021.18	16.3	30.00	2.89	1023.90
1.7	21.22	6.24	1016.66	8.6	26.94	5.82	1021.21	16.5	30.58	2.23	1024.42
1.9	21.25	6.23	1016.69	8.7	26.95	5.81	1021.22	16.6	31.13	1.60	1024.90
2.1	21.28	6.23	1016.71	8.9	26.94	5.81	1021.21	16.9	31.28	1.32	1025.04
2.3	21.34	6.22	1016.76	9.0	26.96	5.82	1021.23	17.0	31.24	1.08	1025.02
2.5	21.43	6.21	1016.83	9.1	27.02	5.80	1021.28	17.3	31.39	0.88	1025.15
2.6	21.50	6.19	1016.89	9.2	27.06	5.77	1021.31	17.4	31.46	0.68	1025.22
2.7	21.59	6.20	1016.96	9.5	27.12	5.74	1021.36	17.5	31.39	0.71	1025.16
3.0	21.77	6.19	1017.10	9.8	27.23	5.68	1021.45	17.6	31.53	0.70	1025.27
3.1	21.84	6.17	1017.16	10.0	27.27	5.66	1021.49	17.7	31.37	0.81	1025.14
3.2	22.00	6.16	1017.28	10.1	27.25	5.68	1021.47	17.9	31.48	0.56	1025.24
3.3	22.17	6.16	1017.42	10.3	27.33	5.68	1021.53	18.0	31.46	0.56	1025.22
3.4	22.32	6.14	1017.54	10.5	27.48	5.55	1021.66	18.1	31.51	0.47	1025.27
3.6	22.64	6.09	1017.79	10.6	27.58	5.50	1021.75	18.5	31.49	0.38	1025.26
3.8	23.06	6.06	1018.13	10.8	27.64	5.47	1021.80	18.6	31.50	0.37	1025.26
3.9	23.38	6.04	1018.38	10.9	27.69	5.44	1021.84	18.7	31.53	0.32	1025.29
4.1	23.77	5.97	1018.70	11.1	27.71	5.42	1021.86	19.0	31.53	0.29	1025.29
4.2	23.71	5.99	1018.65	11.2	27.70	5.42	1021.85	19.1	31.53	0.31	1025.29
4.3	23.72	5.99	1018.65	11.3	27.73	5.42	1021.88	19.2	31.66	0.17	1025.40
4.4	24.03	5.96	1018.90	11.6	27.81	5.37	1021.94	19.3	31.60	-0.01	1025.36
4.5	24.39	5.94	1019.19	11.8	27.87	5.35	1021.99	19.7	31.53	-0.02	1025.31
4.7	24.79	5.90	1019.51	12.1	27.90	5.32	1022.02	19.8	31.50	-0.02	1025.28
4.8	25.01	5.88	1019.68	12.3	27.90	5.32	1022.02	20.1	31.51	0.00	1025.29
4.9	25.33	5.85	1019.94	12.4	27.91	5.31	1022.03	20.3	31.50	0.02	1025.28
5.0	25.64	5.83	1020.18	12.6	27.91	5.31	1022.03	20.5	31.50	0.06	1025.28
5.2	25.91	5.80	1020.40	12.7	27.90	5.31	1022.02	20.6	31.51	0.04	1025.29
5.4	26.10	5.79	1020.55	12.8	27.90	5.31	1022.02	20.7	31.57	0.00	1025.34
5.5	26.16	5.79	1020.60	12.9	27.92	5.31	1022.04	20.8	31.58	-0.02	1025.35
5.7	26.19	5.79	1020.62	13.1	27.93	5.29	1022.05	21.1	31.57	-0.09	1025.34
5.8	26.33	5.80	1020.73	13.3	27.95	5.23	1022.07	21.2	31.57	-0.16	1025.34
5.9	26.39	5.81	1020.78	13.5	27.98	5.20	1022.10	21.4	31.51	-0.11	1025.29
6.2	26.44	5.82	1020.82	13.9	28.01	5.16	1022.12	21.6	31.54	-0.13	1025.32
6.3	26.45	5.81	1020.82	14.0	28.01	5.15	1022.12	21.8	31.56	-0.15	1025.34
6.4	26.50	5.83	1020.86	14.2	28.04	5.13	1022.15	22.1	31.57	-0.19	1025.35
6.5	26.48	5.83	1020.85	14.3	28.08	5.11	1022.18	22.2	31.56	-0.20	1025.34
6.6	26.48	5.83	1020.85	14.4	28.22	4.95	1022.31	22.4	31.57	-0.20	1025.35

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Table A1.55. Station 87070 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
22.5	31.55	-0.19	1025.33	29.2	31.56	-0.22	1025.34	36.0	31.58	-0.37	1025.36
22.7	31.55	-0.20	1025.33	29.3	31.57	-0.22	1025.35	36.1	31.57	-0.37	1025.35
22.8	31.53	-0.21	1025.31	29.5	31.57	-0.22	1025.35	36.2	31.57	-0.37	1025.35
22.9	31.54	-0.22	1025.32	29.6	31.56	-0.22	1025.34	36.5	31.58	-0.37	1025.36
23.2	31.56	-0.23	1025.34	29.7	31.56	-0.22	1025.34	36.7	31.57	-0.38	1025.35
23.4	31.54	-0.24	1025.32	29.8	31.57	-0.22	1025.35	37.1	31.56	-0.37	1025.34
23.5	31.54	-0.23	1025.32	30.0	31.57	-0.23	1025.35	37.2	31.58	-0.38	1025.36
23.7	31.52	-0.23	1025.31	30.1	31.56	-0.22	1025.34	37.3	31.57	-0.39	1025.35
23.8	31.55	-0.22	1025.33	30.2	31.54	-0.22	1025.32	37.5	31.59	-0.39	1025.37
23.9	31.54	-0.22	1025.32	30.4	31.55	-0.22	1025.33	37.6	31.59	-0.40	1025.37
24.2	31.54	-0.22	1025.32	30.8	31.57	-0.23	1025.35	37.7	31.57	-0.39	1025.35
24.3	31.54	-0.21	1025.32	31.1	31.57	-0.24	1025.35	37.8	31.59	-0.42	1025.37
24.4	31.55	-0.20	1025.33	31.3	31.56	-0.24	1025.34	38.3	31.59	-0.43	1025.37
24.5	31.54	-0.20	1025.32	31.4	31.55	-0.23	1025.33	38.4	31.58	-0.43	1025.36
24.6	31.54	-0.20	1025.32	31.5	31.57	-0.23	1025.35	38.7	31.58	-0.44	1025.36
24.8	31.53	-0.18	1025.31	31.7	31.55	-0.23	1025.33	38.8	31.58	-0.45	1025.36
24.9	31.54	-0.17	1025.32	31.9	31.57	-0.24	1025.35	39.0	31.58	-0.44	1025.36
25.3	31.55	-0.18	1025.33	32.2	31.56	-0.23	1025.34	39.1	31.58	-0.45	1025.36
25.4	31.55	-0.19	1025.33	32.3	31.56	-0.23	1025.34	39.2	31.58	-0.45	1025.36
25.5	31.55	-0.19	1025.33	32.4	31.57	-0.24	1025.35	39.4	31.58	-0.46	1025.36
25.7	31.54	-0.17	1025.32	32.7	31.59	-0.24	1025.36	39.6	31.59	-0.47	1025.37
25.9	31.54	-0.17	1025.32	32.9	31.58	-0.25	1025.36	39.7	31.59	-0.49	1025.37
26.0	31.54	-0.18	1025.32	33.0	31.57	-0.26	1025.35	39.8	31.59	-0.50	1025.37
26.1	31.56	-0.18	1025.34	33.3	31.55	-0.26	1025.33	40.2	31.58	-0.51	1025.37
26.2	31.56	-0.17	1025.34	33.4	31.56	-0.26	1025.34	40.4	31.59	-0.53	1025.37
26.5	31.57	-0.19	1025.35	33.5	31.58	-0.28	1025.36	40.8	31.58	-0.54	1025.37
26.7	31.56	-0.19	1025.34	33.6	31.56	-0.27	1025.34	41.0	31.60	-0.55	1025.38
26.9	31.56	-0.19	1025.34	33.8	31.57	-0.29	1025.35	41.2	31.59	-0.55	1025.38
27.2	31.57	-0.20	1025.35	34.0	31.58	-0.30	1025.36	41.3	31.58	-0.54	1025.37
27.5	31.56	-0.20	1025.34	34.1	31.58	-0.33	1025.36	41.5	31.59	-0.55	1025.38
27.6	31.57	-0.20	1025.35	34.4	31.58	-0.34	1025.36	41.7	31.58	-0.55	1025.37
27.7	31.56	-0.19	1025.34	34.5	31.59	-0.35	1025.37	41.8	31.59	-0.56	1025.38
27.8	31.57	-0.20	1025.35	34.6	31.59	-0.36	1025.37	42.0	31.58	-0.55	1025.37
28.0	31.57	-0.20	1025.35	34.7	31.58	-0.35	1025.36	42.2	31.59	-0.55	1025.38
28.2	31.57	-0.20	1025.35	34.9	31.58	-0.36	1025.36	42.3	31.59	-0.56	1025.38
28.7	31.57	-0.22	1025.35	35.2	31.57	-0.37	1025.35	42.4	31.58	-0.56	1025.37
28.9	31.56	-0.22	1025.34	35.6	31.59	-0.38	1025.37	42.5	31.58	-0.56	1025.37

STATION: 87072 DATE: 09 September

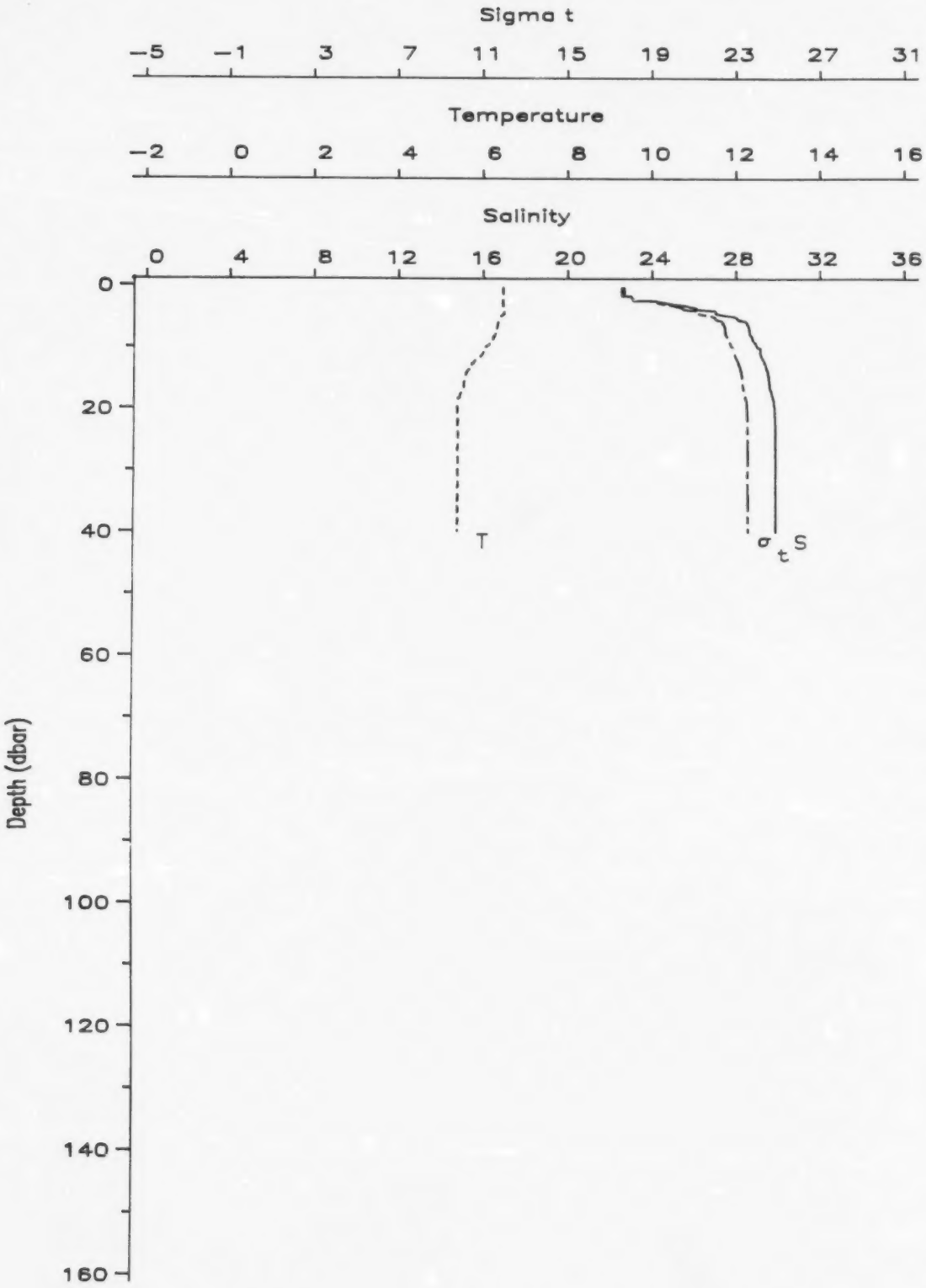

Table A1.56. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87072, September 9, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	22.57	6.46	1017.70	7.3	28.61	6.31	1022.47	13.9	29.49	5.62	1023.24
0.5	22.56	6.46	1017.69	7.4	28.62	6.30	1022.48	14.1	29.51	5.59	1023.26
0.6	22.56	6.46	1017.69	7.5	28.63	6.28	1022.49	14.2	29.51	5.59	1023.26
0.7	22.56	6.46	1017.69	7.6	28.64	6.28	1022.50	14.3	29.51	5.58	1023.26
1.0	22.52	6.46	1017.66	7.8	28.63	6.28	1022.49	14.4	29.52	5.57	1023.27
1.1	22.57	6.46	1017.70	7.9	28.64	6.28	1022.50	14.6	29.53	5.57	1023.28
1.4	22.56	6.46	1017.69	8.0	28.65	6.27	1022.51	14.7	29.54	5.56	1023.29
1.5	22.57	6.46	1017.70	8.3	28.72	6.26	1022.56	14.8	29.55	5.54	1023.30
1.6	22.58	6.46	1017.71	8.4	28.74	6.24	1022.58	14.9	29.55	5.55	1023.30
1.7	22.59	6.46	1017.72	8.5	28.76	6.23	1022.60	15.2	29.55	5.54	1023.30
1.8	22.98	6.46	1018.02	8.6	28.78	6.22	1022.62	15.3	29.56	5.54	1023.31
2.0	23.01	6.45	1018.05	8.8	28.77	6.22	1022.61	15.4	29.57	5.54	1023.32
2.2	23.10	6.45	1018.12	8.9	28.77	6.21	1022.61	15.5	29.57	5.54	1023.32
2.4	23.10	6.45	1018.12	9.0	28.80	6.21	1022.63	15.7	29.57	5.53	1023.32
2.5	23.16	6.45	1018.17	9.1	28.82	6.20	1022.65	15.8	29.58	5.53	1023.33
2.6	24.19	6.46	1018.98	9.3	28.87	6.14	1022.70	15.9	29.58	5.52	1023.33
2.9	24.62	6.46	1019.31	9.4	28.90	6.13	1022.72	16.0	29.59	5.52	1023.33
3.0	24.81	6.46	1019.46	9.5	28.93	6.13	1022.75	16.2	29.59	5.52	1023.33
3.1	24.91	6.46	1019.54	9.6	28.94	6.13	1022.75	16.3	29.60	5.52	1023.34
3.2	25.27	6.47	1019.82	9.7	28.94	6.13	1022.75	16.4	29.60	5.52	1023.34
3.3	25.50	6.47	1020.01	10.1	29.01	6.05	1022.82	16.5	29.60	5.52	1023.34
3.6	25.90	6.48	1020.32	10.2	29.14	5.98	1022.93	16.6	29.60	5.52	1023.34
3.7	26.07	6.48	1020.45	10.4	29.13	5.99	1022.92	16.8	29.61	5.50	1023.35
3.8	26.11	6.49	1020.48	10.5	29.13	5.99	1022.92	16.9	29.62	5.50	1023.36
4.0	26.16	6.49	1020.52	10.6	29.13	5.98	1022.92	17.0	29.63	5.50	1023.37
4.1	26.56	6.49	1020.84	10.8	29.14	5.99	1022.93	17.2	29.67	5.47	1023.40
4.2	27.01	6.50	1021.19	11.0	29.13	5.99	1022.92	17.3	29.67	5.47	1023.40
4.3	27.01	6.50	1021.19	11.2	29.15	5.97	1022.94	17.4	29.68	5.46	1023.41
4.4	27.04	6.49	1021.22	11.4	29.17	5.95	1022.96	17.5	29.69	5.46	1023.42
4.6	27.00	6.49	1021.18	11.5	29.18	5.94	1022.96	17.6	29.71	5.44	1023.44
4.7	27.10	6.49	1021.26	11.6	29.20	5.92	1022.98	17.9	29.71	5.43	1023.44
4.9	27.43	6.45	1021.53	11.9	29.23	5.88	1023.01	18.0	29.73	5.42	1023.46
5.1	27.89	6.41	1021.89	12.0	29.27	5.83	1023.05	18.1	29.74	5.42	1023.46
5.3	28.02	6.39	1022.00	12.1	29.29	5.82	1023.06	18.3	29.73	5.42	1023.46
5.4	28.03	6.39	1022.01	12.2	29.30	5.81	1023.07	18.4	29.75	5.40	1023.47
5.6	28.07	6.36	1022.04	12.3	29.32	5.79	1023.09	18.5	29.78	5.38	1023.50
5.7	28.18	6.36	1022.13	12.5	29.34	5.76	1023.11	18.7	29.76	5.38	1023.48
5.8	28.38	6.36	1022.29	12.7	29.34	5.76	1023.11	18.9	29.80	5.37	1023.52
5.9	28.45	6.36	1022.34	12.8	29.39	5.71	1023.16	19.0	29.80	5.37	1023.52
6.1	28.50	6.34	1022.38	13.0	29.40	5.71	1023.16	19.2	29.80	5.37	1023.52
6.2	28.52	6.34	1022.40	13.1	29.41	5.70	1023.17	19.4	29.80	5.37	1023.52
6.3	28.50	6.33	1022.38	13.2	29.42	5.68	1023.18	19.5	29.82	5.37	1023.53
6.4	28.54	6.33	1022.42	13.3	29.43	5.68	1023.19	19.7	29.82	5.37	1023.53
6.7	28.59	6.32	1022.46	13.4	29.44	5.67	1023.20	19.8	29.83	5.37	1023.54
7.0	28.62	6.31	1022.48	13.6	29.45	5.65	1023.21	20.0	29.84	5.37	1023.55
7.2	28.62	6.30	1022.48	13.7	29.45	5.65	1023.21	20.2	29.84	5.37	1023.55

CONTINUED NEXT PAGE

Table A1.56. Station 87072 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
20.4	29.84	5.38	1023.55	27.4	29.87	5.38	1023.57	34.2	29.88	5.38	1023.58
20.5	29.84	5.37	1023.55	27.6	29.87	5.38	1023.57	34.3	29.89	5.38	1023.59
20.7	29.84	5.37	1023.55	27.9	29.87	5.38	1023.57	34.4	29.89	5.37	1023.59
21.0	29.83	5.38	1023.54	28.0	29.88	5.38	1023.58	34.6	29.88	5.38	1023.58
21.2	29.84	5.38	1023.55	28.1	29.87	5.38	1023.57	34.8	29.89	5.38	1023.59
21.3	29.85	5.37	1023.56	28.2	29.88	5.38	1023.58	34.9	29.89	5.37	1023.59
21.5	29.86	5.38	1023.56	28.5	29.88	5.38	1023.58	35.0	29.89	5.38	1023.59
21.7	29.86	5.38	1023.56	28.8	29.88	5.38	1023.58	35.3	29.89	5.37	1023.59
21.8	29.85	5.38	1023.55	29.0	29.87	5.38	1023.57	35.5	29.88	5.38	1023.58
22.0	29.86	5.38	1023.56	29.2	29.88	5.38	1023.58	35.6	29.89	5.37	1023.59
22.2	29.86	5.38	1023.56	29.4	29.88	5.38	1023.58	35.8	29.88	5.38	1023.58
22.3	29.86	5.37	1023.56	29.6	29.89	5.37	1023.59	35.9	29.88	5.37	1023.58
22.6	29.85	5.38	1023.55	29.7	29.87	5.38	1023.57	36.0	29.88	5.37	1023.58
22.7	29.86	5.38	1023.56	29.9	29.87	5.38	1023.57	36.3	29.88	5.38	1023.58
22.9	29.86	5.38	1023.56	30.0	29.87	5.38	1023.57	36.4	29.89	5.38	1023.59
23.1	29.86	5.38	1023.56	30.1	29.88	5.37	1023.58	36.5	29.89	5.37	1023.59
23.3	29.86	5.38	1023.56	30.3	29.88	5.38	1023.58	36.6	29.89	5.37	1023.59
23.4	29.86	5.38	1023.56	30.5	29.88	5.38	1023.58	36.7	29.88	5.38	1023.58
23.6	29.86	5.38	1023.56	30.6	29.88	5.38	1023.58	36.9	29.89	5.37	1023.59
23.7	29.86	5.38	1023.56	30.7	29.87	5.38	1023.57	37.1	29.88	5.38	1023.58
23.8	29.86	5.38	1023.56	30.8	29.88	5.38	1023.58	37.2	29.89	5.38	1023.59
23.9	29.87	5.38	1023.57	31.0	29.87	5.38	1023.57	37.4	29.88	5.38	1023.58
24.1	29.86	5.38	1023.56	31.1	29.87	5.38	1023.57	37.5	29.88	5.38	1023.58
24.2	29.87	5.38	1023.57	31.2	29.87	5.37	1023.57	37.7	29.89	5.37	1023.59
24.4	29.87	5.38	1023.57	31.4	29.88	5.38	1023.58	37.8	29.88	5.38	1023.58
24.5	29.86	5.38	1023.56	31.6	29.87	5.38	1023.57	38.0	29.88	5.38	1023.58
24.8	29.87	5.38	1023.57	31.8	29.87	5.38	1023.57	38.1	29.88	5.38	1023.58
24.9	29.87	5.38	1023.57	31.9	29.88	5.38	1023.58	38.2	29.88	5.38	1023.58
25.0	29.87	5.38	1023.57	32.1	29.88	5.38	1023.58	38.3	29.89	5.37	1023.59
25.3	29.87	5.38	1023.57	32.2	29.88	5.38	1023.58	38.5	29.87	5.38	1023.57
25.4	29.87	5.38	1023.57	32.3	29.87	5.38	1023.57	38.7	29.89	5.37	1023.59
25.5	29.87	5.38	1023.57	32.4	29.88	5.38	1023.58	38.9	29.89	5.38	1023.59
25.6	29.87	5.38	1023.57	32.7	29.88	5.38	1023.58	39.0	29.88	5.38	1023.58
26.0	29.87	5.38	1023.57	32.9	29.88	5.37	1023.58	39.1	29.89	5.37	1023.59
26.3	29.87	5.38	1023.57	33.1	29.88	5.38	1023.58	39.2	29.88	5.38	1023.58
26.4	29.87	5.38	1023.57	33.2	29.87	5.38	1023.57	39.3	29.88	5.38	1023.58
26.5	29.87	5.37	1023.57	33.3	29.88	5.38	1023.58	39.5	29.89	5.37	1023.59
26.6	29.88	5.37	1023.58	33.5	29.86	5.38	1023.56	39.6	29.88	5.38	1023.58
26.8	29.87	5.38	1023.57	33.8	29.88	5.37	1023.58	39.7	29.89	5.37	1023.59
27.0	29.88	5.38	1023.58	33.9	29.88	5.37	1023.58	39.8	29.89	5.38	1023.59
27.1	29.87	5.38	1023.57	34.0	29.88	5.38	1023.58	40.0	29.89	5.38	1023.59

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Seasonal Salinity, Temperature and Density Data for the Canadian Beaufort Sea Shelf, 1987

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Central and Arctic Region
Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6

March 1988

Canadian Data Report of Fisheries and Aquatic Sciences No. 685

88-03404/

Canadian Data Report of Fisheries and Aquatic Sciences

These reports provide a medium for filing and archiving data compilations where little or no analysis is included. Such compilations commonly will have been prepared in support of other journal publications or reports. The subject matter of Data Reports reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries management, technology and development, ocean sciences, and aquatic environments relevant to Canada.

Numbers 1-25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26-160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was changed with report number 161.

The correct citation appears above the abstract of each report.

Rapport statistique canadien des sciences halieutiques et aquatiques

Ces rapports servent de base à la compilation des données de classement et d'archives pour lesquelles il y a peu ou point d'analyse. Cette compilation aura d'ordinaire été préparée pour appuyer d'autres publications ou rapports. Les sujets des Rapports statistiques reflètent la vaste gamme des intérêts et politiques du Ministère des Pêches et des Océans, notamment gestion des pêches, techniques et développement, sciences océaniques et environnements aquatiques, au Canada.

Les numéros 1 à 25 de cette série ont été publiés à titre de Records statistiques, Service des pêches et de la mer. Les numéros 26-160 ont été publiés à titre de Rapports statistiques du Service des pêches et de la mer, Ministère des Pêches et de l'Environnement. Le nom de la série a été modifié à partir du numéro 161.

Le titre exact paraît au haut du résumé de chaque rapport.

Canadian Data Report of
Fisheries and Aquatic Sciences 685

March 1988

SEASONAL SALINITY, TEMPERATURE AND DENSITY DATA FOR THE CANADIAN BEAUFORT SEA SHELF, 1987

by

G.E. Hopky, D.B. Chiperzak and M.J. Lawrence

Central and Arctic Region
Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6

This is the 21st Data Report
from the Central and Arctic Region, Winnipeg

PREFACE

This study was funded by the Northern Oil and Gas Action Program (NOGAP), through the Department of Fisheries and Oceans, Central and Arctic Region. It is one of a series of projects being executed under NOGAP B.2, to provide background data for assessing the implications of hydrocarbon development and production on critical estuarine and marine habitats of the Canadian Arctic Coastal Shelf. This document constitutes NOGAP Report B2.25.

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ABSTRACT

Hopky, G.E., D.B. Chiperzak, and M.J. Lawrence. 1988. Seasonal salinity, temperature and density data for the Canadian Beaufort Sea Shelf, 1987. Can. Data Rep. Fish. Aquat. Sci. 685: iv + 162 p.

This report contains salinity, temperature and density (CTD) data collected by the Department of Fisheries and Oceans, Central and Arctic Region in the waters of the Canadian Beaufort Sea Shelf during 1987. Salinity and temperature profile data were measured using a Guildline Model 8870 probe deployed from the ice surface in March and May, and from the M.V. Sequel during July to September. Ice thickness and secchi depth were measured during periods of ice cover and open water, respectively. Salinity values for samples collected from bottle casts were measured with an Autosal Model 8400 salinometer. Density was calculated using salinity and temperature values.

During the ice cover periods of March and May, CTD profiles were measured at five and nine stations, respectively. For the open water July to September period, CTD profiles were measured at 41 stations. One additional station was sampled using bottle casts. Replicate CTD profiling was conducted at a number of stations, on a seasonal basis.

The maximum depths of profiles measured from the ice surface ranged from 3.1 to 23.5 dbar. Salinity and temperature measurements ranged from 0.00 to 31.70, and -1.74 to 0.02°C, respectively. Maximum depths of profiles measured during the open water period ranged from 2.9 to 196.4 dbar. During this same period, profile measurements of salinity and temperature ranged from 0.08 to 33.94, and -1.62 to 16.51°C, respectively.

Key words: Arctic; coastal waters; salt-wedge estuaries; fresh water; saline water; thermocline; halocline; pycnocline; oceanographic data; light penetration.

RÉSUMÉ

Hopky, G.E., D.B. Chiperzak, and M.J. Lawrence. 1988. Seasonal salinity, temperature and density data for the Canadian Beaufort Sea Shelf, 1987. Can. Data Rep. Fish. Aquat. Sci. 685: iv + 162 p.

Ce rapport renferme des données sur la salinité, la température et la densité (CTD) qui ont été recueillies par le ministère des Pêches et des Océans, région du Centre et de l'Arctique, dans les eaux du secteur canadien du plateau de la mer de Beaufort au cours de l'année 1987. Les données des profils de salinité et de température ont été obtenues à l'aide d'un sonde Guildline, modèle 8870, utilisée à partir de la glace, en mars et en mai, et à partir du Sequel, de juillet à septembre. L'épaisseur de la glace a été mesurée lorsque la surface était glacée et la transparence de l'eau, déterminée au disque de Secchi, a été mesurée lorsque l'eau était libre. La salinité des échantillons recueillis au moyen d'échantillonneurs a été mesurée à l'aide d'un salinomètre Autosal, modèle 8400. La densité a été obtenue par calcul au moyen de la salinité et de la température.

Pendant que la surface de la mer était glacée, en mars et en mai, les profils CTD ont été mesurés respectivement à cinq (5) et à neuf (9) stations. Au cours de la période d'eau libre, de juillet à septembre, les profils CTD ont été mesurés à 41 stations. Des échantillons ont été prélevés à un autre station à l'aide d'échantillonneurs. L'établissement des profils CTD a été repris dans un grand nombre des stations, et à chaque saison.

Les profils mesurés à partir de la couche de glace l'ont été à des profondeurs variant de 3,1 à 23,5 dbar. Les mesures de salinité et de température variaient respectivement de 0,00 à 31,70 et de -1,74 à 0,02°C. Les profils mesurés au cours de la période d'eau libre l'ont été à des profondeurs variant de 2,9 à 196,4 dbar. Au cours de cette même période, les mesures des profils de salinité et de température s'établissaient respectivement entre 0,08 et 33,94 et entre -1,62 et 16,51°C.

Mots-clés: Arctique; eaux côtières; lame d'eau salée dans l'estuaire; eau douce; eau saline; thermocline; halocline; pycnocline; données océanographiques; pénétration de la lumière.

INTRODUCTION

The salinity, temperature and density (CTD) data presented in this report were collected as part of the Critical Arctic Estuarine and Marine Habitat Project (B.2) of the Northern Oil and Gas Action Program (NOGAP). The data represent one component of a suite of oceanographic measurements made by the staff of the Department of Fisheries and Oceans (DFO), Central and Arctic Region on the Canadian Beaufort Sea Shelf (Fig. 1) during 1987. This study has been ongoing since 1984. CTD results for 1984, 1985 and 1986 were published in Hopky et al. (1986, 1987).

A major objective of this NOGAP project is to identify and characterize estuarine and marine habitats of significance to the biological communities, primarily fish, inhabiting the Beaufort Sea Shelf. Salinity, temperature and density data will assist in the identification and delineation of potential habitat types. In addition, light attenuation (PAR - Photosynthetically Active Radiation), and nutrient and other chemistry related data are being gathered. Concurrent biological sampling includes: chlorophyll a, primary production studies, and life history studies of the zooplankton, ichthyoplankton and adult fish (e.g. Lacho 1986) communities.

A DH6 (Twin Otter) aircraft equipped with wheel skis was used during March and May to conduct sampling from the ice surface. The M.V. Sequel, a wooden hulled 12 m vessel, was chartered to conduct sampling during the open water periods. Additional biological and oceanographic sampling was conducted from the CSS Tully, a DFO research ship. This CTD data will be reported elsewhere (pers. comm., R.W. MacDonald, project leader NOGAP B.6, Institute of Ocean Sciences, DFO). The data reported here are from an area that extends from Herschel Island on the west to Amundsen Gulf on the east, out to approximately the 200 m isobath (Fig. 2).

METHODS

The methods of data collection and data processing described below follow those utilized in 1984 and 1985 (Hopky et al. 1986), and 1986, (Hopky et al. 1987).

DATA COLLECTION

Positioning

In March and May all stations except the one noted below were reached with a Twin Otter aircraft equipped with Global Navigation System (GNS) positioning equipment. Station 87011 was reached using snowmobiles. Its position was located by estimated distance from shore and aircraft flypasts.

During July, August and September, stations were located using a combination of radar fixes to shore, bathymetric charts and a JRC Model JLE-3850 satellite navigator with a nominal accuracy of ±0.1 km.

CTD system

Station profiles were measured using a Guildline Model 8870 portable CTD system consisting of a probe, winch and deck unit. An Arctic Model probe was used during March and May, and an Open Ocean Model probe was used from July to September. Sensors on these probes measure temperature (°C), salinity and depth, as pressure (dbar), with an accuracy of ±0.02, ±0.04 and ±1% full scale, respectively. Calibration tests conducted prior to their use resulted in acceptable accuracies.

The winch was a 12/24 volt powered Arctic Model equipped with a single conductor oceanographic cable. Cable deployment rate was 0.35 $m \cdot sec^{-1}$.

The deck unit consisted of a power supply module and a display module. Power was provided by 2-12 volt batteries connected in series. Raw, serial data was recorded on magnetic tape using a portable audio cassette recorder. The display module provided a digital display of all channel outputs. A microprocessor in the display module calculated salinities using the UNESCO practical salinity scale 1978 (UNESCO 1981).

Bottle casts

Bottle casts were made using a 5 litre Van Dorn sampler. Conductivity ratios were obtained using an Autosal Model 8400 salinometer. Salinity was calculated using the UNESCO practical salinity scale 1978 (UNESCO 1981) on a Zenith 151 microcomputer.

DATA PROCESSING

Transfer of the CTD data from the audio tape, and its subsequent editing and reduction were made using a Zenith 151 microcomputer with programs written by DFO staff at the Freshwater Institute, and Dbase III software. CTD data were fed from the audio tape back into the Guildline deck unit, processed through an IEEE488 interface board located in the display module and subsequently stored on 5.25 inch floppy disks. Means of salinity and temperature were calculated for multiple readings at a single depth (dbar) point. Density, in $kg \cdot m^{-3}$, was calculated using the international equation of state of seawater 1980 (UNESCO 1981). SAS Version 5.16 was used to generate data tables and data figures on a VAX/VMS 11 computer.

RESULTS

A summary of all stations sampled on the Beaufort Sea Shelf during 1987 is shown in Table 1. CTD profiles were measured at five and nine stations, respectively during the ice cover periods of March and May. For the open water, July to September period, CTD profiles were mea-

sured at 41 stations. Salinity data was collected at one additional station using bottle casts.

Locations for all stations sampled in 1987 are mapped for March and May (Fig. 3), July (Fig. 4), August (Fig. 5) and September (Fig. 6). Station depths ranged from 3 to 1090 m (Table 1). As in 1986 (Hopky et al. 1987), favourable ice conditions during the 1987 open water period resulted in extensive sampling of waters greater than 10-15 m deep. With the exception of the Herschel Island-western Mackenzie Bay region, this was not the case in either 1984 or 1985 - particularly the latter year - when ice conditions restricted vessel movement largely to water depths less than 10-15 m (Hopky et al. 1986).

Stations were generally sampled between 1500 and 0200 hours Greenwich mean time (Gmt) (Table 1). Ice thickness was measured at stations sampled in March and May, and secchi depth was measured at stations sampled between July to September (Table 1). The stations identified as 87A30 and 87B30 (Table 1) represent two CTD profiles measured at the same location (ie. 87030). The second profile, 87B30, recorded changes observed while the vessel was on station.

For those stations where CTD profiles were measured, and reported herein, the maximum profile depth is indicated (Table 1). The maximum depth of the bottle cast profile conducted at station 87033 is 5 m. Stations 87034 to 87039 were sampled while on board the CSS Tully, and CTD profiles measured at those stations are identified with an 'IOS' (Table 1). The remaining stations are identified with CTD profiles as 'N/A', or not available (Table 1). These were stations that, as a matter of sampling protocol, a CTD profile was not measured.

CTD data are tabulated by station and date in Appendix A, Tables A1.1-A1.56. Plots of the data are shown on the facing page with the corresponding station number and sampling date. Density, in $kg \cdot m^{-3}$, is plotted as sigma t (density - 1000). Depths are expressed in pressure units (dbar) except for station 87033 bottle cast data which is in meters. Incomplete profiles were recorded at stations 87023 (Table A1.22), 87024 (Table A1.23), 87050 (Table A1.34), 87051 (Table A1.35) and 87073 (Table A1.38); and were due to tape recorder malfunction or human error.

The maximum depths of profiles measured from the ice surface ranged from 3.1 to 23.5 dbar (Appendix A). Salinity and temperature measurements ranged from 0.00 to 31.70, and -1.74 to 0.02°C, respectively. Maximum depths of profiles measured during the open water period ranged from 2.9 to 196.4 dbar. During this same period, profile measurements of salinity and temperature ranged from 0.08 to 33.94, and -1.62 to 16.51°C, respectively.

ACKNOWLEDGMENTS

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Table 1. Summary data for all stations sampled in the Beaufort Sea during 1987.

Station	Latitude Deg	Min	Longitude Deg	Min	Date Sampled	Gmt*	Total Depth (m)	Ice Depth (m)	Secchi Depth (m)	CTD** Profile	Profile Depth (Dbar)
87001	70	12.9	131	17.3	Mar 19	1745	24	0.9		Yes	21.3
87002	69	56.8	133	45.3	Mar 20	1600	16	1.1		Yes	14.5
87003	70	25.1	127	28.1	Mar 21	1620	8	1.5		Yes	7.2
87005	70	14.4	131	17.1	Mar 22	1600	25	1.0		Yes	23.5
87004	69	31.2	133	18.7	Mar 22	1830	4	1.3		Yes	3.3
87006	69	32.8	133	25.5	May 6	1515	4	1.6		Yes	3.1
87006	69	32.8	133	25.5	May 7	1515	4	1.6		N/A***	
87007	69	57.6	133	49.3	May 7	1600	17	1.4		Yes	16.5
87007	69	57.6	133	49.3	May 8	1500	17	1.6		N/A	
87008	70	26.0	127	31.1	May 8	1700	13	1.0		Yes	12.7
87009	70	14.3	131	07.4	May 9	2030	18	1.7		Yes	16.6
87009	70	14.3	131	07.4	May 10	1730	18	1.8		N/A	
87010	69	59.3	131	32.2	May 11	1530	13	1.7		N/A	
87009	70	14.3	131	07.4	May 11	2030	18	1.8		N/A	
87010	69	59.3	131	32.2	May 12	1530	13	1.7		Yes	12.1
87009	70	14.3	131	07.4	May 12	1845	18	1.7		Yes	16.3
87010	69	59.3	131	32.2	May 13	1515	13	1.7		N/A	
87009	70	14.3	131	07.4	May 13	1725	18	1.8		N/A	
87011	69	33.8	133	03.0	May 13	2115	6	1.6		Yes	4.8
87010	69	59.3	131	32.2	May 14	2030	13	1.7		N/A	
87011	69	33.8	133	03.0	May 14	0335	6	1.6		N/A	
87011	69	33.8	133	03.0	May 15	2050	6	1.6		N/A	
87011	69	33.8	133	03.0	May 16	1930	6	1.6		N/A	
87012	69	55.8	131	32.4	May 16	0100	7	1.6		N/A	
87011	69	33.8	133	03.0	May 17	2000	6	1.6		N/A	
87012	69	55.8	131	32.4	May 17	2300	7	1.6		Yes	6.3
87011	69	33.8	133	03.0	May 18	2000	6	1.6		N/A	
87012	69	55.8	131	32.4	May 18	2000	7	1.6		N/A	
87013	69	46.5	134	02.7	May 19	1600	5	1.8		Yes	4.8
87012	69	55.8	131	32.4	May 19	2145	7	1.6		N/A	
87014	69	30.7	133	06.5	Jul 18	1600	5			N/A	
87015	69	35.1	138	50.0	Jul 19	1730	7		0.5	Yes	6.4
87016	69	36.0	138	49.5	Jul 19	1945	18		4.0	Yes	17.7
87017	69	38.0	138	45.9	Jul 20	1730	47		7.5	Yes	43.6
87018	69	43.0	138	44.4	Jul 20	2025	138		5.5	Yes	138.1
87019	69	18.7	138	25.5	Jul 22	1830	7			N/A	
87020	69	06.6	137	57.0	Jul 22	2100	7		1.0	Yes	6.8
87021	69	06.8	137	56.5	Jul 22	2305	16		1.7	Yes	15.9
87022	69	10.8	137	52.5	Jul 22	0140	30		1.4	Yes	31.4

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* Gmt - Greenwich mean time.
** CTD - Conductivity, Temperature, Density.
*** N/A - Not Available; BCP - Bottle Cast Profile; IOS - Institute of Ocean Sciences.

Table 1. Summary for 1987 continued.

Station	Latitude Deg	Min	Longitude Deg	Min	Date Sampled	Gmt*	Total Depth (m)	Ice Depth (m)	Secchi Depth (m)	CTD** Profile	Profile Depth (Dbar)
87023	69	27.2	137	33.7	Jul 23	2005	50		6.2	Yes	49.9
87024	69	32.6	137	06.7	Jul 23	0005	32		3.5	Yes	32.0
87025	69	34.0	136	47.5	Jul 23	0305	16		1.4	Yes	15.3
87026	69	34.0	136	09.6	Jul 24	0700	6		0.2	Yes	6.6
87014	69	30.7	133	06.5	Jul 26	1630	5		0.4	Yes	3.9
87027	69	24.2	133	38.0	Jul 26	2130	3		0.3	Yes	2.9
87028	69	31.1	133	08.0	Jul 28	1607	6		1.0	Yes	5.1
87029	69	38.8	133	05.8	Jul 28	2035	7		0.6	Yes	6.3
87A30	69	32.2	133	09.4	Jul 29	1630	5		0.6	Yes	5.0
87B30	69	32.2	133	09.4	Jul 29	1700	5		0.6	Yes	4.9
87031	69	27.1	133	14.3	Jul 29	2105	3		0.6	Yes	3.4
87032	69	47.0	133	21.0	Jul 31	1830	9		1.6	N/A	
87033	69	40.0	133	17.5	Aug 1	1524	7		0.3	BCP***	
87032	69	47.0	133	21.0	Aug 1	2100	9			N/A	
87034	69	53.5	133	24.5	Aug 2	1830	16		3.5	IOS***	
87035	70	01.1	133	26.1	Aug 3	1400	28		18.2	IOS	
87036	70	57.7	134	29.5	Aug 4	1400	200		N/A	IOS	
87037	71	20.3	135	09.5	Aug 5	0601	1090		N/A	N/A	
87050	70	06.0	133	43.3	Aug 5	1600	39		N/A	Yes	39.1
87038	70	31.1	133	56.6	Aug 5	2200	60		N/A	IOS	
87039	70	15.6	133	37.1	Aug 5	0150	50			N/A	
87039	70	15.6	133	37.1	Aug 6	1400	50		18.0	IOS	
87051	70	07.2	133	56.3	Aug 10	0230	36		10.5	Yes	4.3
87052	70	15.0	133	26.0	Aug 12	2235	50		N/A	Yes	50.3
87053	70	27.3	134	02.8	Aug 13	1750	60		N/A	Yes	59.7
87073	69	36.8	136	05.8	Aug 16	0117	7		N/A	Yes	3.3
87054	69	34.7	137	04.9	Aug 16	0415	29			N/A	
87[illegible]4	69	34.7	137	04.9	Aug 17	1623	29		9.3	Yes	28.9
87[illegible]5	69	28.7	137	43.6	Aug 17	1950	51		8.5	Yes	51.3
87056	69	11.1	137	51.6	Aug 17	0100	31		3.3	Yes	32.8
87057	69	08.5	138	01.0	Aug 17	0400	23		N/A	Yes	22.8
87058	69	16.1	138	12.1	Aug 18	0700	33		3.0	Yes	35.3
87059	69	17.1	138	11.8	Aug 18	1800	40		5.0	Yes	40.5
87074	69	22.9	137	48.6	Aug 18	2230	43			N/A	
87075	69	26.9	137	15.3	Aug 18	0030	38			N/A	
87060	70	17.2	129	45.0	Aug 21	2130	7		0.9	Yes	6.7
87061	70	33.8	127	57.8	Aug 22	1650	8		0.9	Yes	7.3
87062	70	35.2	127	47.6	Aug 22	2050	31		N/A	Yes	31.0
87063	70	37.7	127	30.2	Aug 23	1626	197		13.5	Yes	196.4
87064	70	26.2	129	50.2	Aug 24	1820	16		3.3	Yes	15.8

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* Gmt - Greenwich mean time.
** CTD - Conductivity, Temperature, Density.
*** N/A - Not Available; BCP - Bottle Cast Profile; IOS - Institute of Ocean Sciences.

Table 1. Summary for 1987 continued.

Station	Latitude Deg	Min	Longitude Deg	Min	Date Sampled	Gmt*	Total Depth (m)	Ice Depth (m)	Secchi Depth (m)	CTD** Profile	Profile Depth (Dbar)
87066	70	09.3	130	52.6	Aug 25	2006	9		1.0	Yes	7.7
87067	70	12.3	131	01.8	Aug 25	2330	16		0.9	Yes	15.7
87065	70	21.2	131	04.6	Aug 26	1923	26		15.2	Yes	26.5
87068	69	46.2	132	22.0	Aug 27	1720	7		0.4	Yes	7.0
87069	69	58.2	132	28.5	Aug 27	2115	17		1.9	Yes	16.3
87076	69	49.0	133	23.5	Sep 4	0700	10			N/A	
87070	70	08.7	133	35.5	Sep 4	1710	43		N/A	Yes	42.5
87071	70	00.2	133	24.2	Sep 4	2120	25			N/A	
87072	70	37.8	127	54.6	Sep 9	2110	40		0.8	Yes	40.0

* Gmt - Greenwich mean time.
** CTD - Conductivity, Temperature, Density.
*** N/A - Not Available; BCP - Bottle Cast Profile; IOS - Institute of Ocean Sciences.

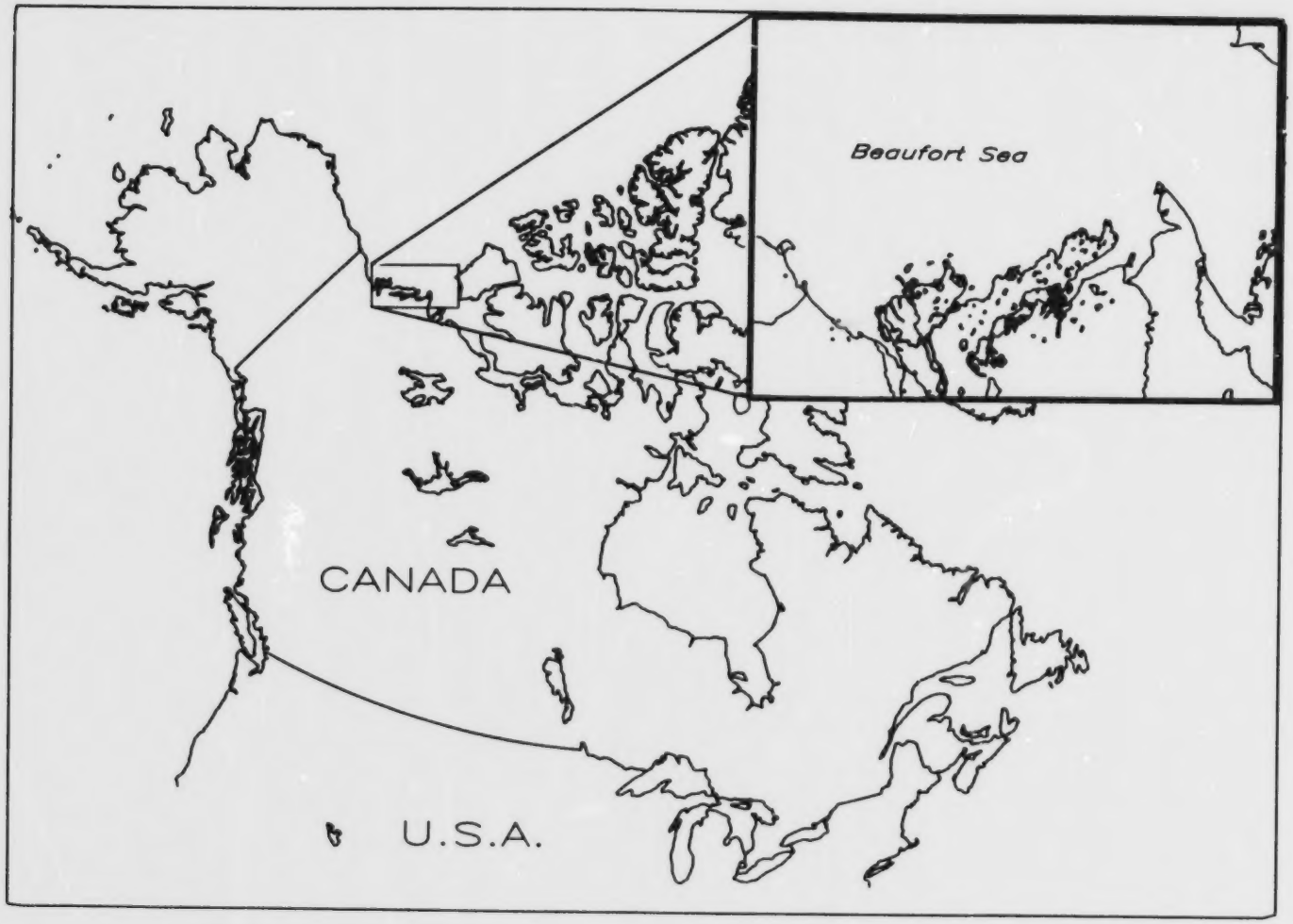

Fig. 1. Location of Beaufort Sea study area.

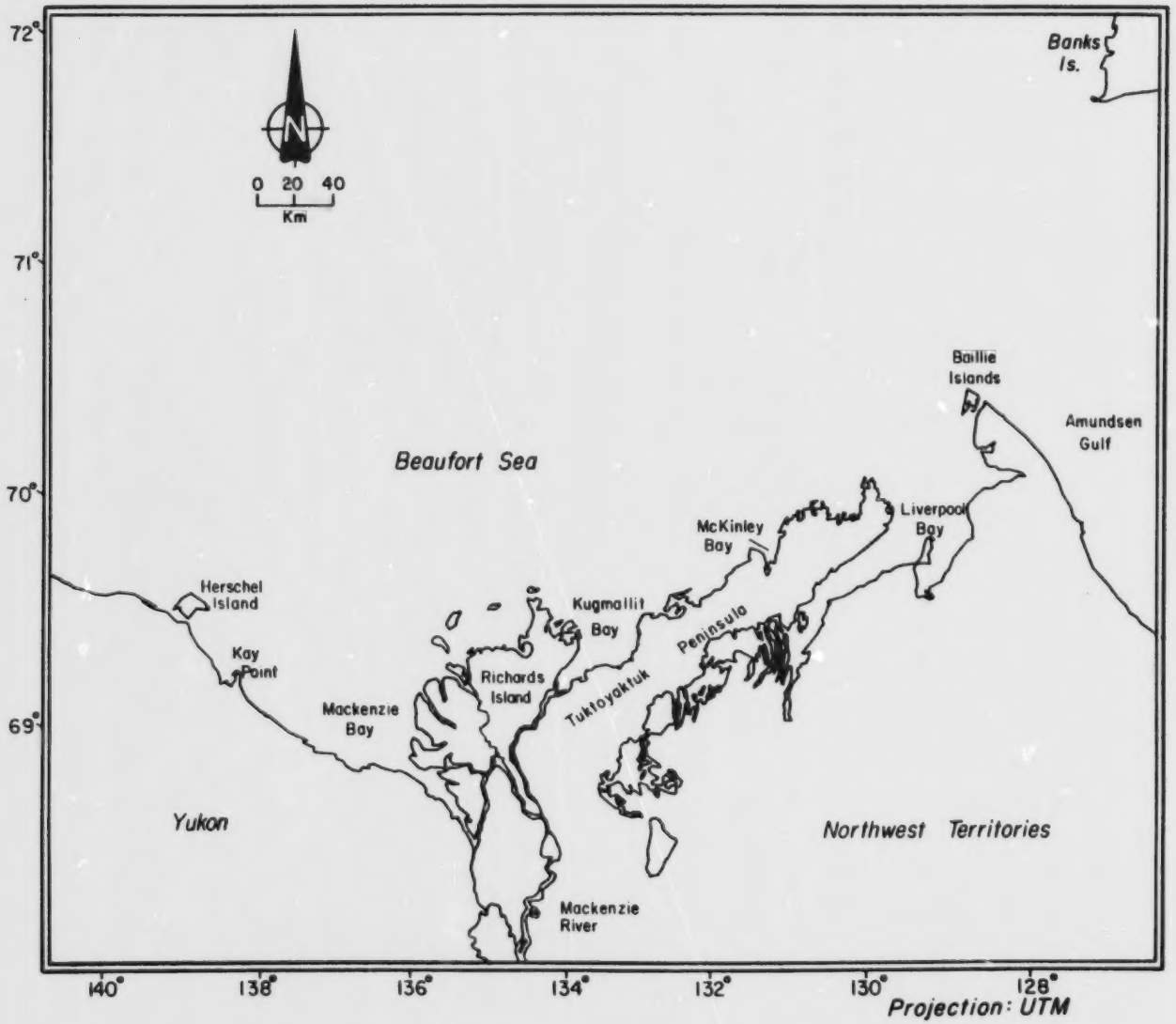

Fig. 2. Detailed map of study area.

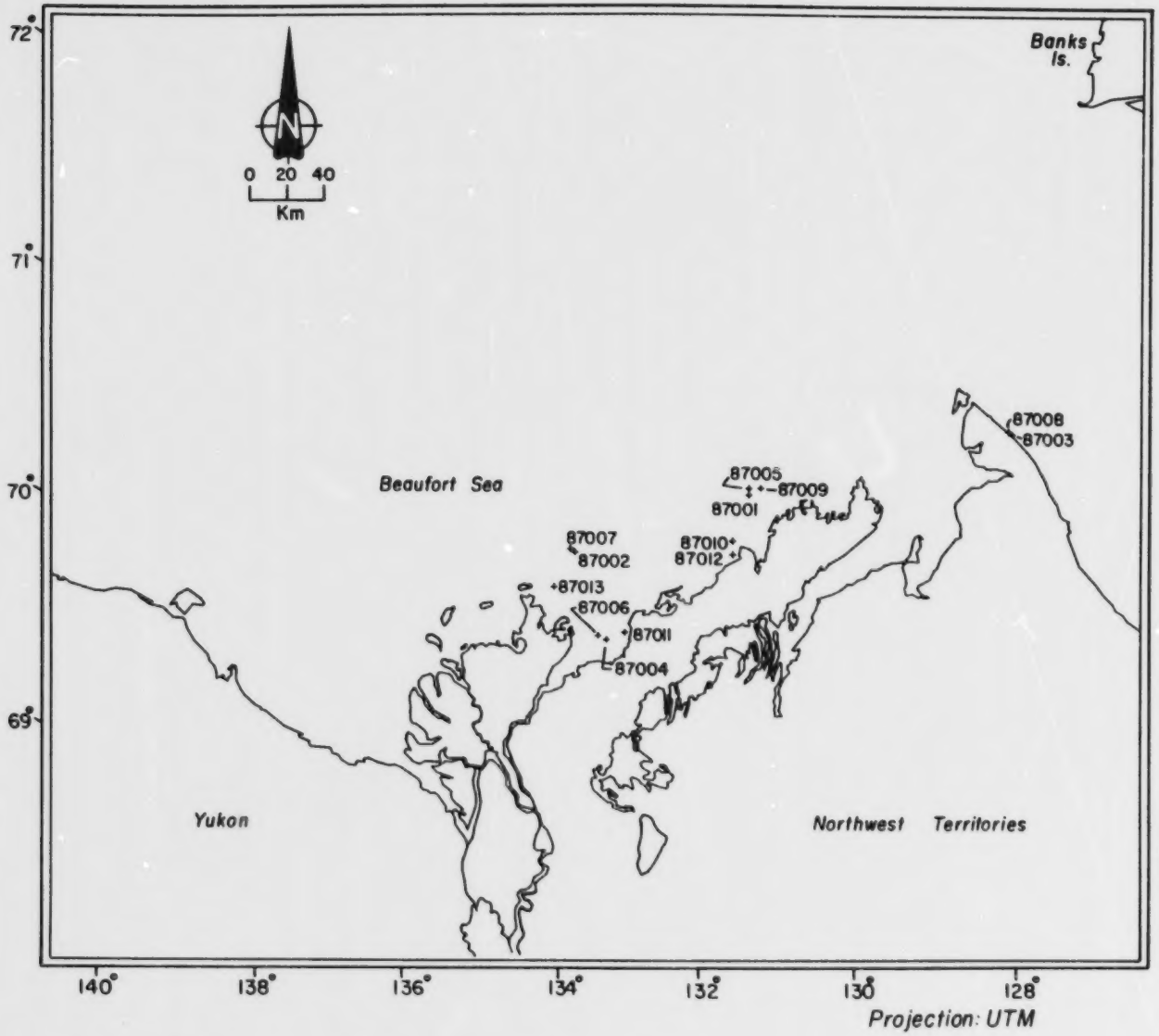

Fig. 3. Stations sampled in March and May, 1987.

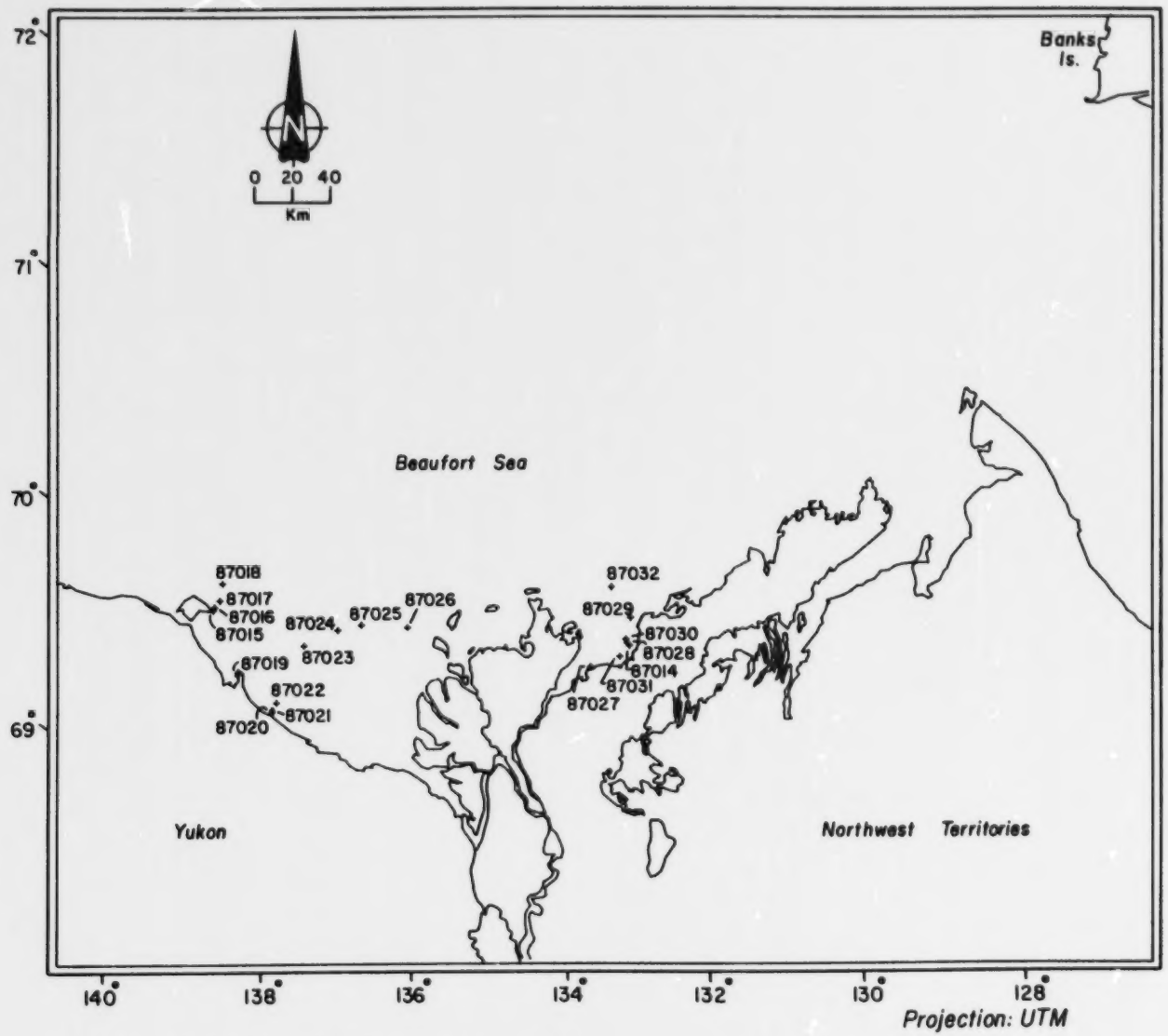

Fig. 4. Stations sampled in July, 1987.

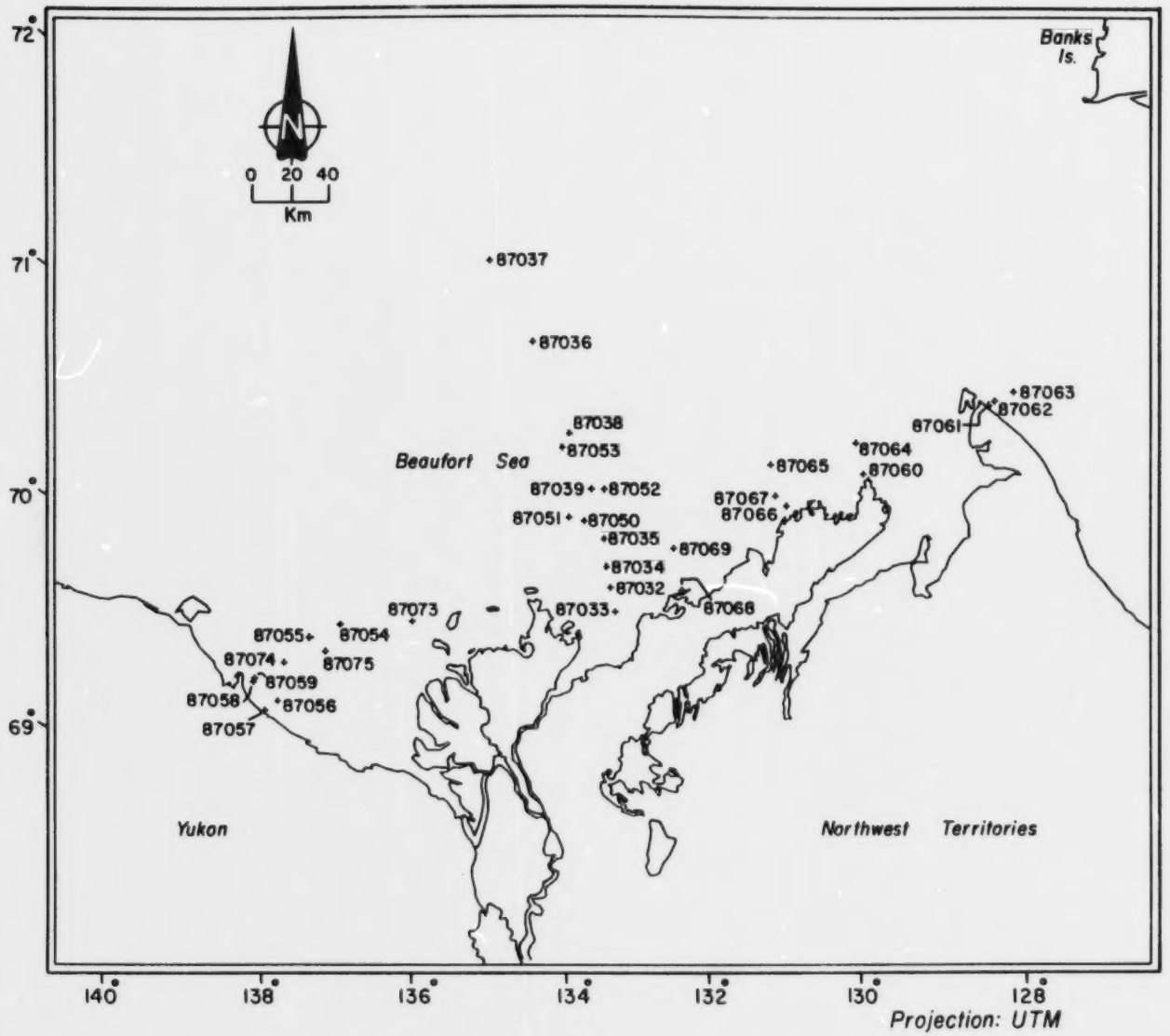

Fig. 5. Stations sampled in August, 1987.

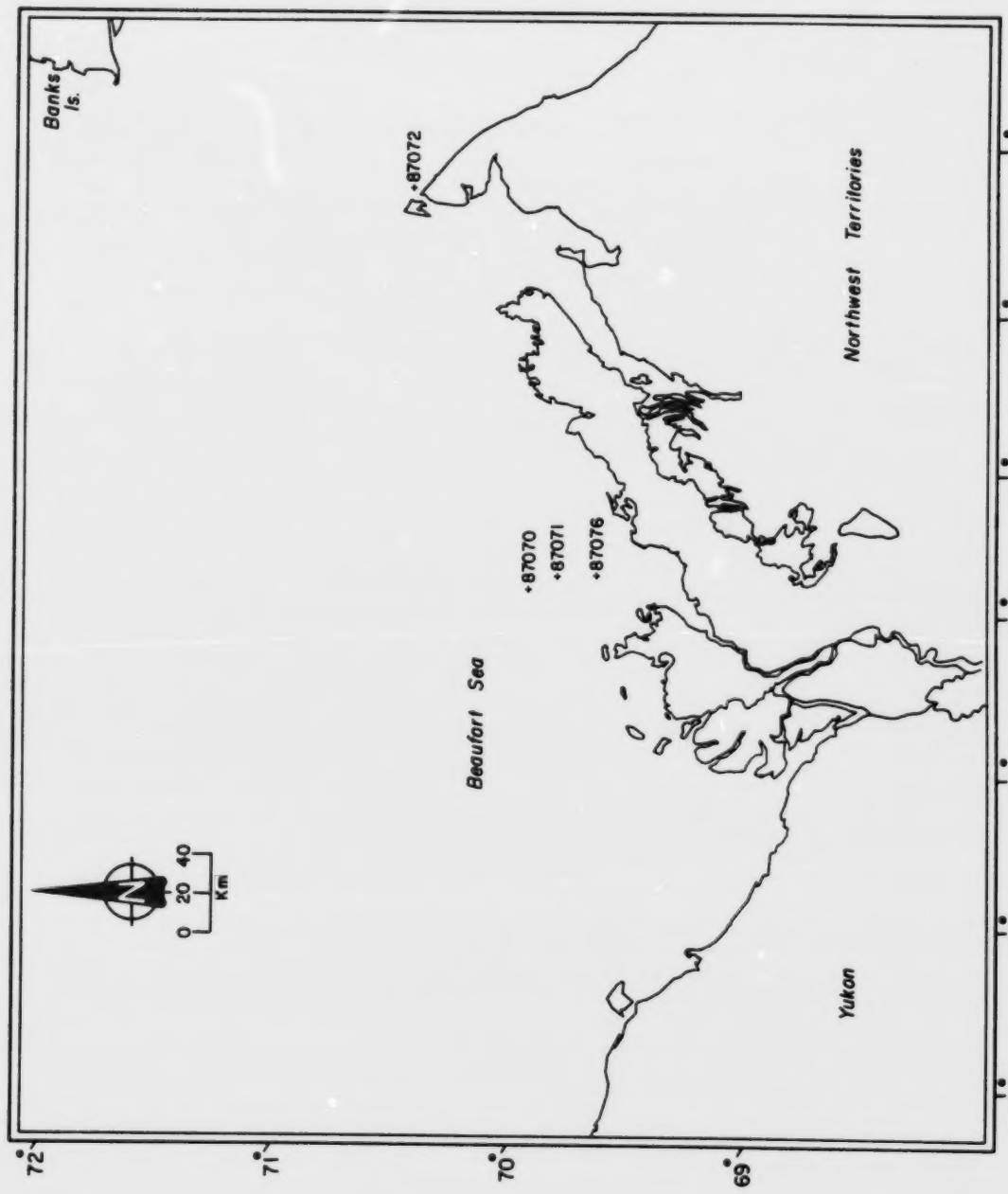

Fig. 6. Stations sampled in September, 1987.

APPENDIX A

[illegible] data tables and plotted profiles.

Note: In Tables A1.1 to A1.56 the notation: kg•m**-3 is interpreted as: $kg \cdot m^{-3}$.

STATION: 87001 DATE: 19 March

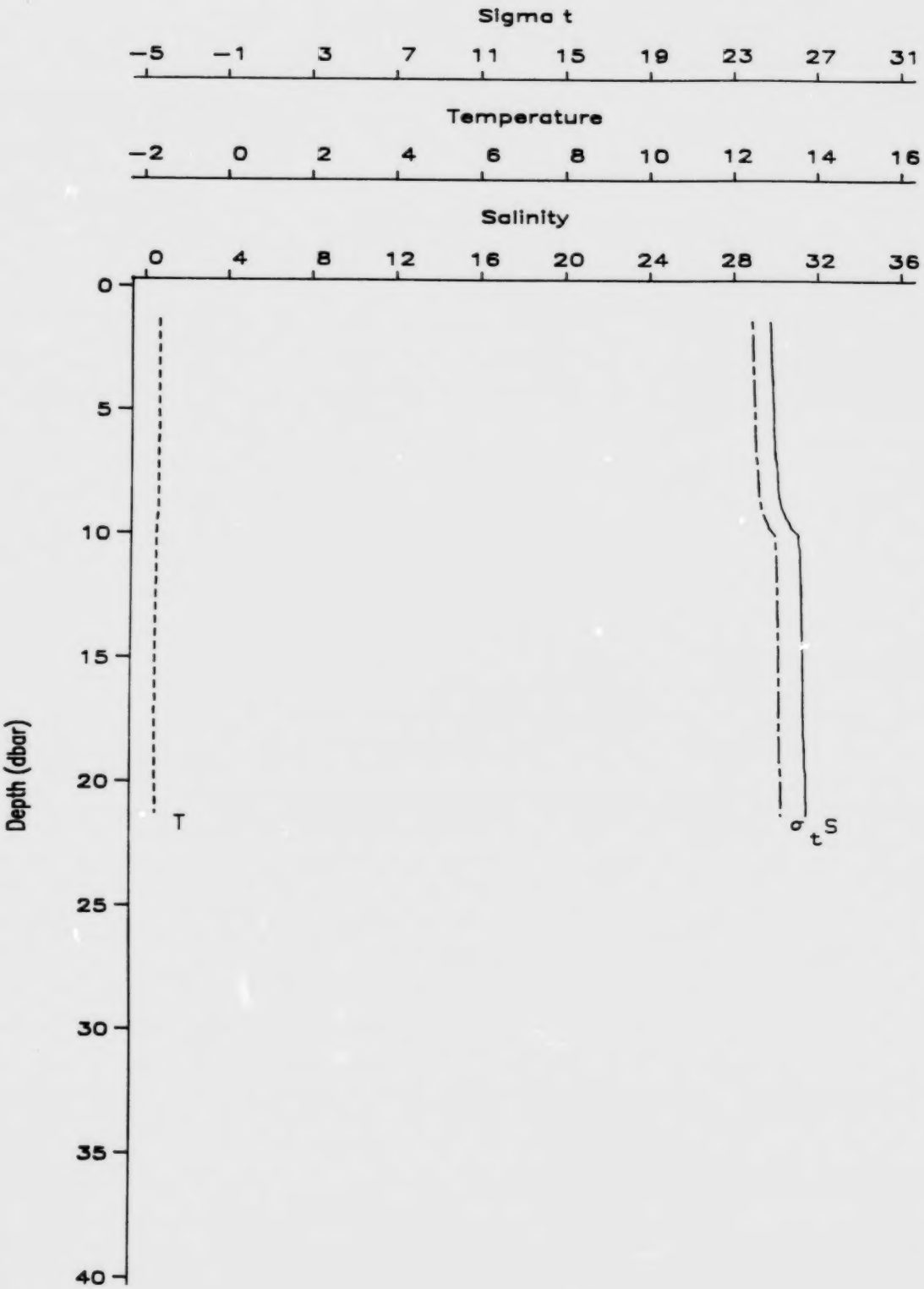

Table A1.1. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87001, March 19, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.4	29.74	-1.64	1023.90	7.9	30.13	-1.65	1024.22	15.2	31.30	-1.71	1025.17
1.6	29.77	-1.64	1023.93	8.1	30.14	-1.65	1024.23	15.4	31.31	-1.71	1025.18
2.0	29.79	-1.64	1023.94	8.5	30.19	-1.65	1024.27	15.8	31.33	-1.72	1025.20
2.1	29.79	-1.64	1023.94	8.9	30.29	-1.65	1024.35	16.3	31.33	-1.71	1025.20
2.3	29.77	-1.63	1023.93	9.3	30.49	-1.67	1024.51	16.6	31.33	-1.71	1025.20
2.6	29.80	-1.64	1023.95	9.5	30.64	-1.69	1024.63	16.9	31.33	-1.71	1025.20
2.8	29.81	-1.64	1023.96	9.7	30.74	-1.69	1024.72	17.1	31.34	-1.73	1025.20
3.2	29.82	-1.64	1023.97	10.0	31.09	-1.70	1025.00	17.6	31.35	-1.72	1025.21
3.5	29.85	-1.64	1023.99	10.5	31.15	-1.70	1025.05	18.0	31.35	-1.72	1025.21
3.8	29.87	-1.64	1024.01	10.7	31.19	-1.70	1025.08	18.3	31.39	-1.72	1025.24
4.2	29.87	-1.64	1024.01	11.0	31.20	-1.71	1025.09	18.6	31.40	-1.72	1025.25
4.3	29.88	-1.64	1024.02	11.3	31.21	-1.70	1025.10	19.1	31.40	-1.71	1025.25
4.7	29.91	-1.64	1024.04	11.7	31.22	-1.70	1025.11	19.5	31.44	-1.72	1025.29
4.9	29.92	-1.65	1024.05	12.1	31.25	-1.71	1025.13	19.7	31.47	-1.71	1025.31
5.3	29.93	-1.64	1024.06	12.3	31.24	-1.71	1025.12	20.1	31.46	-1.71	1025.30
5.7	29.92	-1.64	1024.05	12.7	31.25	-1.71	1025.13	20.5	31.47	-1.71	1025.31
6.0	29.95	-1.64	1024.07	13.2	31.26	-1.72	1025.14	20.7	31.46	-1.70	1025.30
6.2	29.97	-1.65	1024.09	13.4	31.27	-1.72	1025.15	20.8	31.49	-1.70	1025.33
6.7	29.99	-1.65	1024.11	13.7	31.27	-1.71	1025.15	21.1	31.46	-1.70	1025.30
6.9	29.99	-1.65	1024.11	14.0	31.29	-1.72	1025.16	21.3	31.48	-1.70	1025.32
7.1	30.06	-1.65	1024.16	14.4	31.30	-1.72	1025.17				
7.5	30.11	-1.65	1024.20	14.9	31.32	-1.72	1025.19				

STATION: 87002 DATE: 20 March

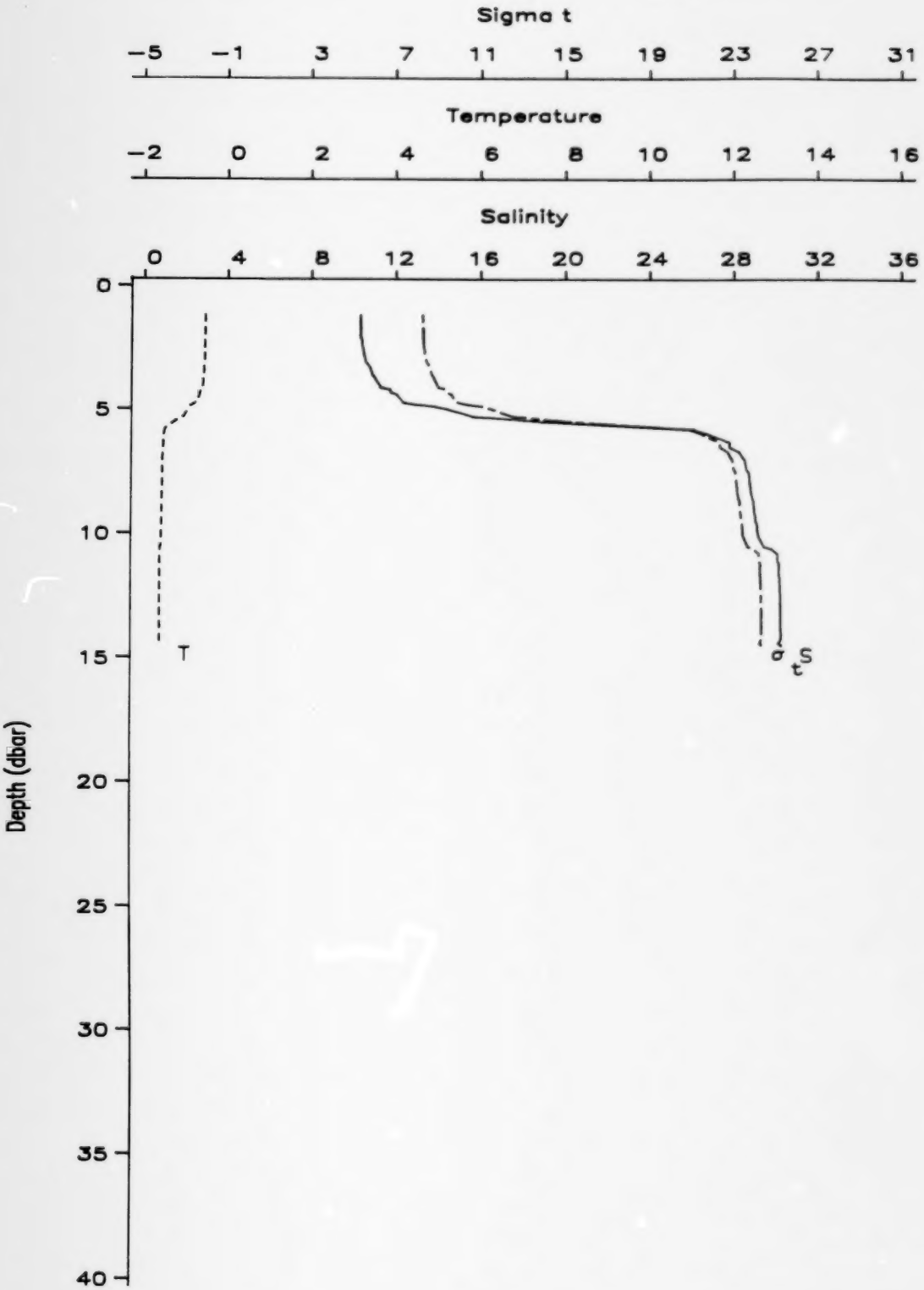

Table A1.2. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87002, March 20, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.2	10.32	-0.56	1008.19	5.3	15.61	-1.07	1012.46	10.5	29.41	-1.60	1023.63
1.4	10.31	-0.56	1008.19	5.5	18.87	-1.28	1015.09	10.6	29.76	-1.62	1023.92
1.5	10.32	-0.56	1008.19	5.8	26.08	-1.51	1020.93	10.8	30.06	-1.62	1024.16
1.7	10.34	-0.56	1008.21	6.0	26.80	-1.54	1021.52	11.1	30.09	-1.62	1024.19
1.8	10.34	-0.56	1008.21	6.3	27.78	-1.55	1022.31	11.2	30.14	-1.62	1024.23
2.0	10.34	-0.56	1008.21	6.5	27.79	-1.55	1022.32	11.3	30.15	-1.62	1024.24
2.1	10.34	-0.56	1008.21	6.7	28.25	-1.56	1022.69	11.6	30.14	-1.62	1024.23
2.2	10.39	-0.57	1008.25	6.9	28.39	-1.56	1022.81	11.7	30.16	-1.61	1024.24
2.5	10.43	-0.57	1008.28	7.0	28.50	-1.57	1022.90	11.8	30.18	-1.62	1024.26
2.7	10.46	-0.57	1008.31	7.4	28.59	-1.57	1022.97	11.9	30.18	-1.62	1024.26
2.8	10.48	-0.57	1008.32	7.5	28.69	-1.57	1023.05	12.1	30.20	-1.62	1024.28
3.1	10.57	-0.58	1008.40	7.9	28.75	-1.57	1023.10	12.3	30.21	-1.62	1024.28
3.2	10.67	-0.59	1008.48	8.1	28.77	-1.57	1023.12	12.4	30.22	-1.62	1024.29
3.3	10.75	-0.59	1008.54	8.4	28.82	-1.58	1023.16	12.8	30.21	-1.62	1024.28
3.6	10.87	-0.60	1008.64	8.6	28.88	-1.58	1023.20	12.9	30.23	-1.62	1024.30
3.7	10.96	-0.61	1008.71	8.7	28.93	-1.58	1023.25	13.1	30.23	-1.62	1024.30
3.8	11.03	-0.61	1008.77	9.0	28.96	-1.58	1023.27	13.2	30.23	-1.62	1024.30
4.1	11.25	-0.63	1008.94	9.2	28.99	-1.58	1023.29	13.3	30.22	-1.62	1024.29
4.2	11.69	-0.66	1009.30	9.3	29.01	-1.58	1023.31	13.6	30.23	-1.62	1024.30
4.3	11.73	-0.68	1009.33	9.5	29.04	-1.59	1023.33	13.8	30.23	-1.62	1024.30
4.4	12.01	-0.70	1009.56	9.6	29.08	-1.59	1023.37	14.0	30.25	-1.62	1024.32
4.7	12.29	-0.75	1009.78	9.7	29.10	-1.59	1023.38	14.2	30.24	-1.62	1024.31
4.8	12.83	-0.83	1010.21	9.9	29.12	-1.59	1023.40	14.4	30.11	-1.61	1024.20
4.9	13.83	-0.93	1011.02	10.1	29.15	-1.59	1023.42	14.5	30.24	-1.62	1024.31
5.0	14.39	-0.96	1011.47	10.2	29.21	-1.59	1023.47				

STATION: 87003 DATE: 21 March

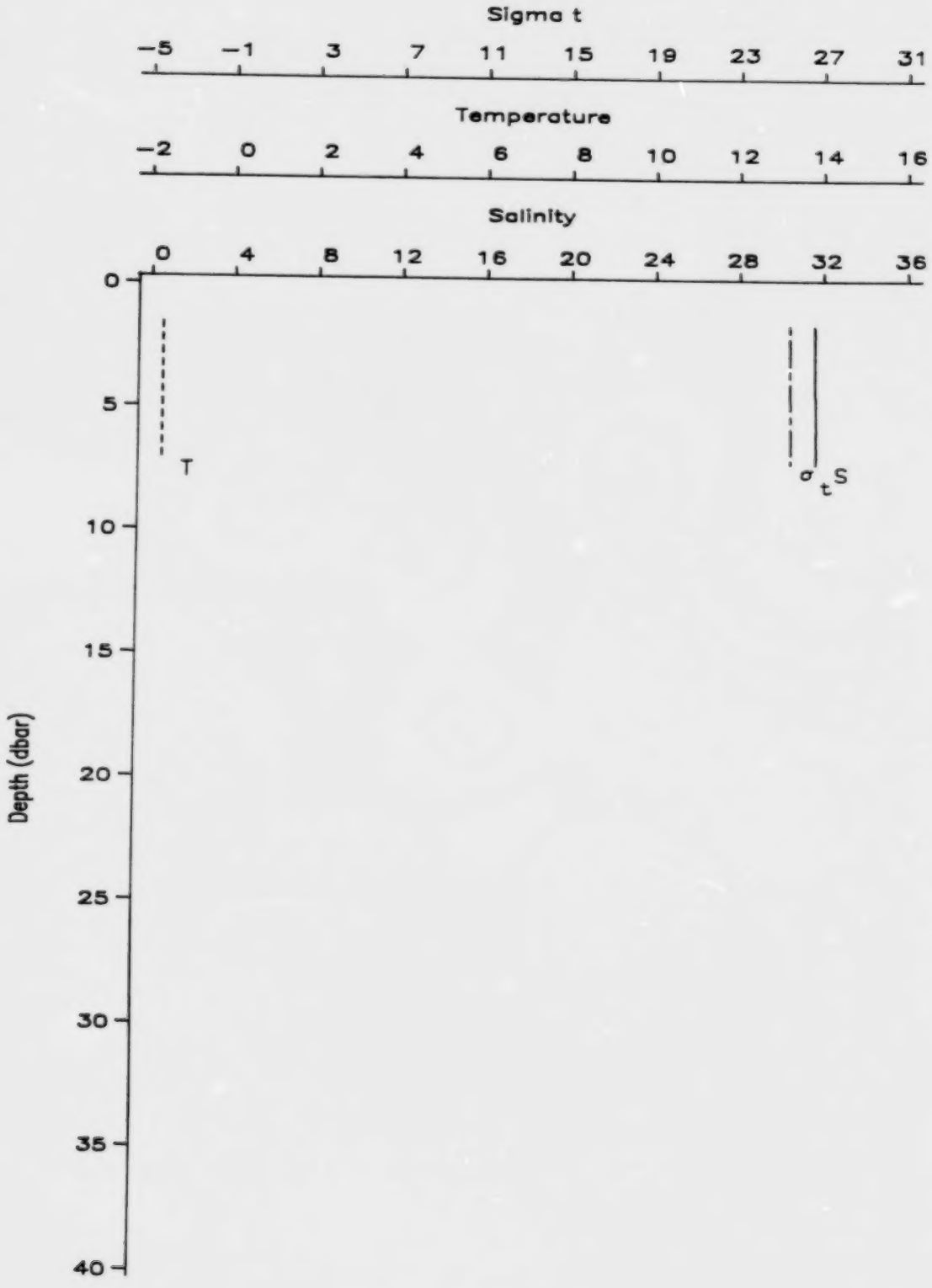

Table A1.3. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87003, March 21, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.6	31.59	-1.73	1025.41	3.7	31.59	-1.73	1025.41	5.4	31.63	-1.73	1025.44
1.7	31.59	-1.73	1025.41	3.8	31.60	-1.73	1025.42	5.5	31.64	-1.73	1025.45
1.9	31.60	-1.73	1025.42	4.0	31.60	-1.73	1025.42	5.8	31.66	-1.74	1025.46
2.1	31.59	-1.73	1025.41	4.2	31.60	-1.73	1025.42	5.9	31.65	-1.73	1025.46
2.2	31.59	-1.73	1025.41	4.3	31.60	-1.73	1025.42	6.0	31.64	-1.73	1025.45
2.3	31.59	-1.73	1025.41	4.4	31.60	-1.73	1025.42	6.3	31.65	-1.74	1025.46
2.4	31.59	-1.73	1025.41	4.5	31.62	-1.73	1025.43	6.4	31.64	-1.73	1025.45
2.7	31.60	-1.73	1025.42	4.6	31.63	-1.73	1025.44	6.7	31.66	-1.74	1025.46
2.8	31.59	-1.73	1025.41	4.8	31.64	-1.73	1025.45	6.9	31.65	-1.73	1025.46
2.9	31.59	-1.73	1025.41	5.0	31.63	-1.73	1025.44	7.1	31.65	-1.73	1025.46
3.2	31.60	-1.73	1025.42	5.2	31.64	-1.73	1025.45	7.2	31.64	-1.73	1025.45
3.4	31.59	-1.73	1025.41	5.3	31.65	-1.73	1025.46				

STATION: 87005 DATE: 22 March

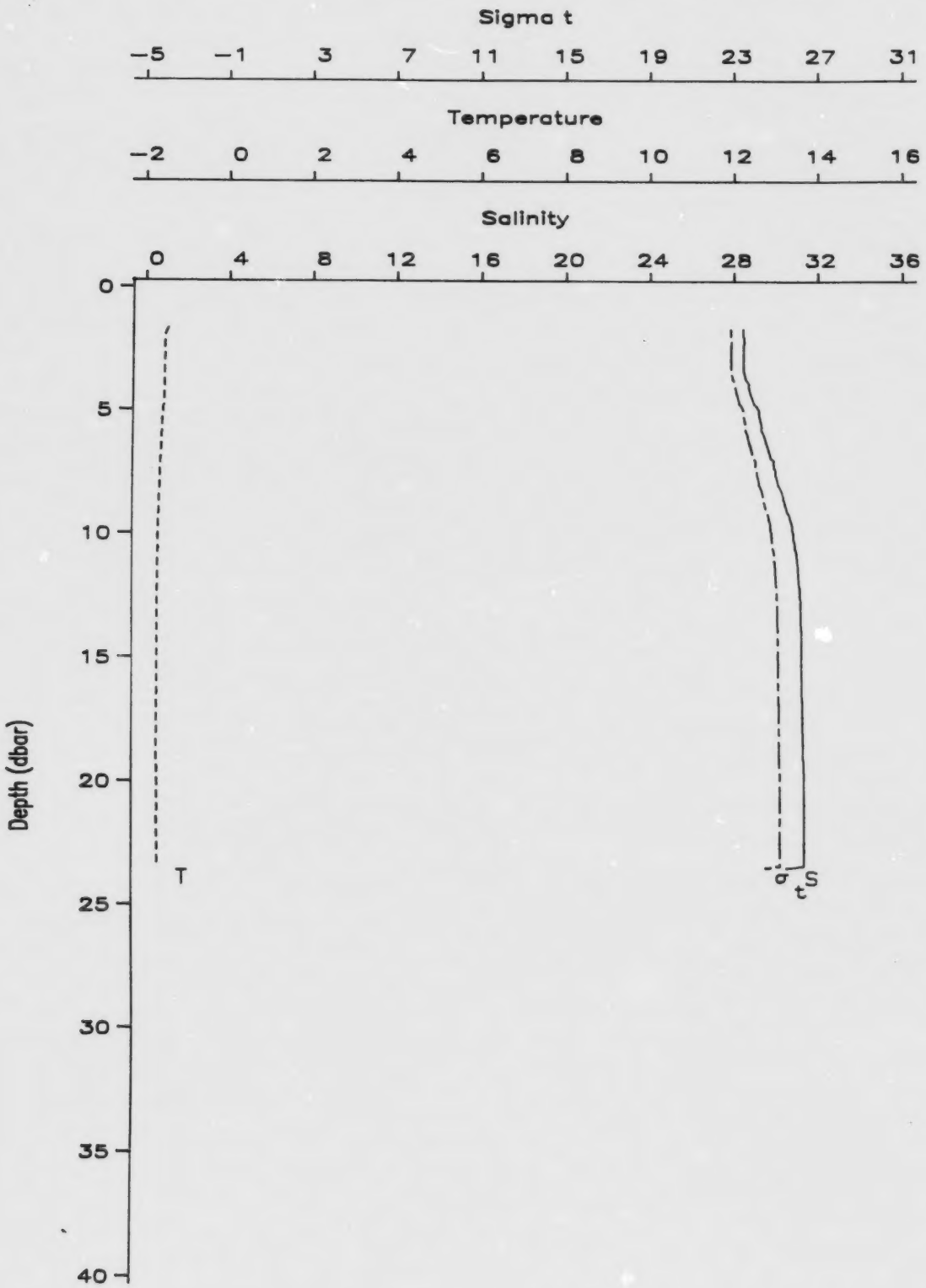

Table A1.4. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87005, March 22, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.7	28.44	-1.48	1022.85	9.4	30.70	-1.69	1024.68	16.9	31.33	-1.72	1025.20
2.0	28.46	-1.56	1022.86	9.5	30.75	-1.69	1024.72	17.1	31.33	-1.71	1025.20
2.2	28.50	-1.55	1022.90	9.7	30.80	-1.69	1024.76	17.2	31.33	-1.71	1025.20
2.3	28.45	-1.56	1022.86	9.9	30.83	-1.69	1024.79	17.4	31.33	-1.72	1025.20
2.4	28.45	-1.56	1022.86	10.0	30.86	-1.69	1024.81	17.6	31.32	-1.71	1025.19
2.7	28.45	-1.55	1022.86	10.1	30.87	-1.70	1024.82	17.8	31.33	-1.71	1025.20
2.9	28.45	-1.56	1022.86	10.3	30.89	-1.69	1024.84	18.0	31.34	-1.72	1025.20
3.1	28.45	-1.56	1022.86	10.5	30.93	-1.70	1024.87	18.1	31.36	-1.72	1025.22
3.2	28.44	-1.56	1022.85	10.6	30.93	-1.69	1024.87	18.4	31.34	-1.72	1025.20
3.4	28.46	-1.56	1022.86	10.7	30.98	-1.70	1024.91	18.5	31.36	-1.72	1025.22
3.7	28.54	-1.56	1022.93	11.0	31.03	-1.71	1024.95	18.9	31.36	-1.72	1025.22
3.9	28.70	-1.56	1023.06	11.1	31.02	-1.70	1024.94	19.1	31.37	-1.71	1025.23
4.1	28.72	-1.56	1023.07	11.4	31.08	-1.70	1024.99	19.2	31.39	-1.71	1025.24
4.3	28.77	-1.57	1023.12	11.7	31.11	-1.71	1025.02	19.3	31.40	-1.71	1025.25
4.7	28.95	-1.57	1023.26	11.9	31.13	-1.70	1025.03	19.5	31.40	-1.71	1025.25
4.8	29.06	-1.57	1023.35	12.2	31.17	-1.71	1025.07	19.7	31.42	-1.71	1025.27
4.9	29.13	-1.59	1023.41	12.3	31.17	-1.71	1025.07	19.8	31.41	-1.70	1025.26
5.0	29.20	-1.59	1023.46	12.6	31.18	-1.71	1025.07	20.2	31.41	-1.70	1025.26
5.2	29.20	-1.60	1023.46	12.7	31.21	-1.71	1025.10	20.3	31.41	-1.70	1025.26
5.4	29.25	-1.61	1023.51	12.8	31.21	-1.71	1025.10	20.6	31.42	-1.71	1025.27
5.6	29.32	-1.61	1023.56	12.9	31.21	-1.71	1025.10	20.7	31.41	-1.70	1025.26
5.8	29.33	-1.60	1023.57	13.2	31.23	-1.71	1025.11	20.9	31.42	-1.70	1025.27
6.0	29.44	-1.62	1023.66	13.4	31.23	-1.71	1025.11	21.2	31.41	-1.70	1025.26
6.3	29.54	-1.62	1023.74	13.7	31.24	-1.71	1025.12	21.3	31.43	-1.71	1025.28
6.4	29.59	-1.62	1023.78	13.9	31.26	-1.71	1025.14	21.4	31.43	-1.71	1025.28
6.6	29.66	-1.63	1023.84	14.3	31.25	-1.71	1025.13	21.6	31.42	-1.71	1025.27
6.9	29.76	-1.63	1023.92	14.4	31.26	-1.71	1025.14	21.8	31.42	-1.71	1025.27
7.0	29.89	-1.64	1024.03	14.5	31.27	-1.71	1025.15	22.1	31.42	-1.70	1025.27
7.3	29.92	-1.64	1024.05	14.8	31.25	-1.71	1025.13	22.3	31.42	-1.70	1025.27
7.4	29.99	-1.65	1024.11	14.9	31.26	-1.71	1025.14	22.4	31.41	-1.70	1025.26
7.6	30.00	-1.65	1024.11	15.2	31.27	-1.71	1025.15	22.5	31.42	-1.70	1025.27
7.7	30.04	-1.65	1024.15	15.3	31.26	-1.71	1025.14	22.7	31.42	-1.70	1025.27
8.0	30.12	-1.65	1024.21	15.5	31.28	-1.71	1025.16	22.8	31.43	-1.70	1025.28
8.2	30.25	-1.66	1024.32	15.8	31.27	-1.71	1025.15	23.0	31.43	-1.70	1025.28
8.5	30.38	-1.67	1024.42	15.9	31.29	-1.71	1025.16	23.3	31.43	-1.70	1025.28
8.6	30.39	-1.66	1024.43	16.1	31.29	-1.71	1025.16	23.4	31.43	-1.70	1025.28
8.8	30.45	-1.67	1024.48	16.4	31.30	-1.71	1025.17	23.5	30.58	-1.70	1024.59
9.1	30.55	-1.68	1024.56	16.5	31.30	-1.71	1025.17				
9.2	30.64	-1.68	1024.63	16.7	31.32	-1.72	1025.19				

STATION: 87004 DATE: 22 March

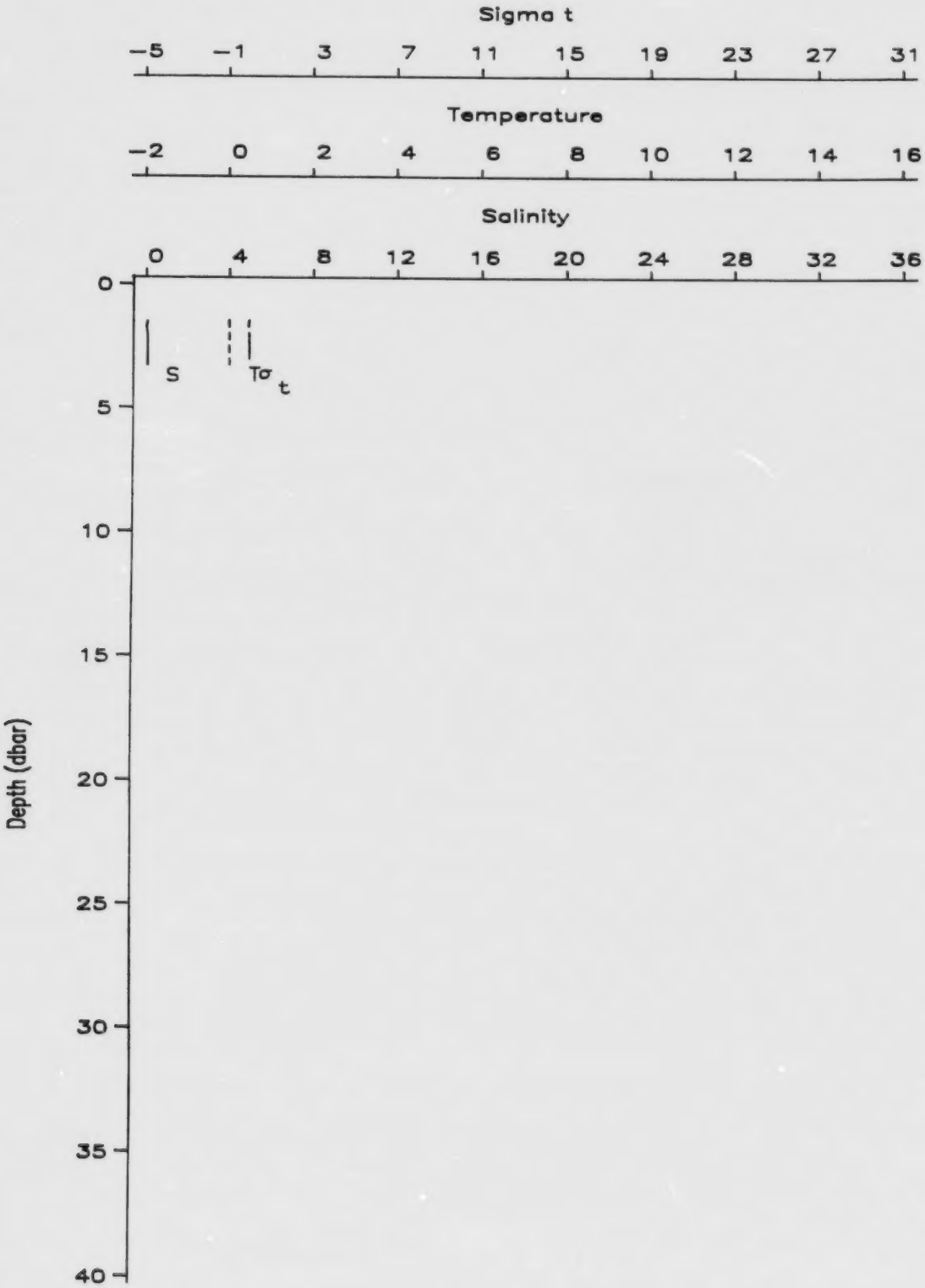

Table A1.5. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87004, March 22, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.5	0.10	-0.01	999.92	2.4	0.11	0.00	999.93	2.9	0.10	0.00	999.92
1.7	0.05	-0.01	999.88	2.6	0.11	0.00	999.93	3.1	0.10	0.00	999.92
2.1	0.11	0.00	999.93	2.7	0.10	-0.01	999.92	3.2	0.10	0.00	999.92
2.3	0.09	-0.01	999.92	2.8	0.10	0.00	999.92	3.3	0.11	0.00	999.93

STATION: 87006 DATE: 06 May

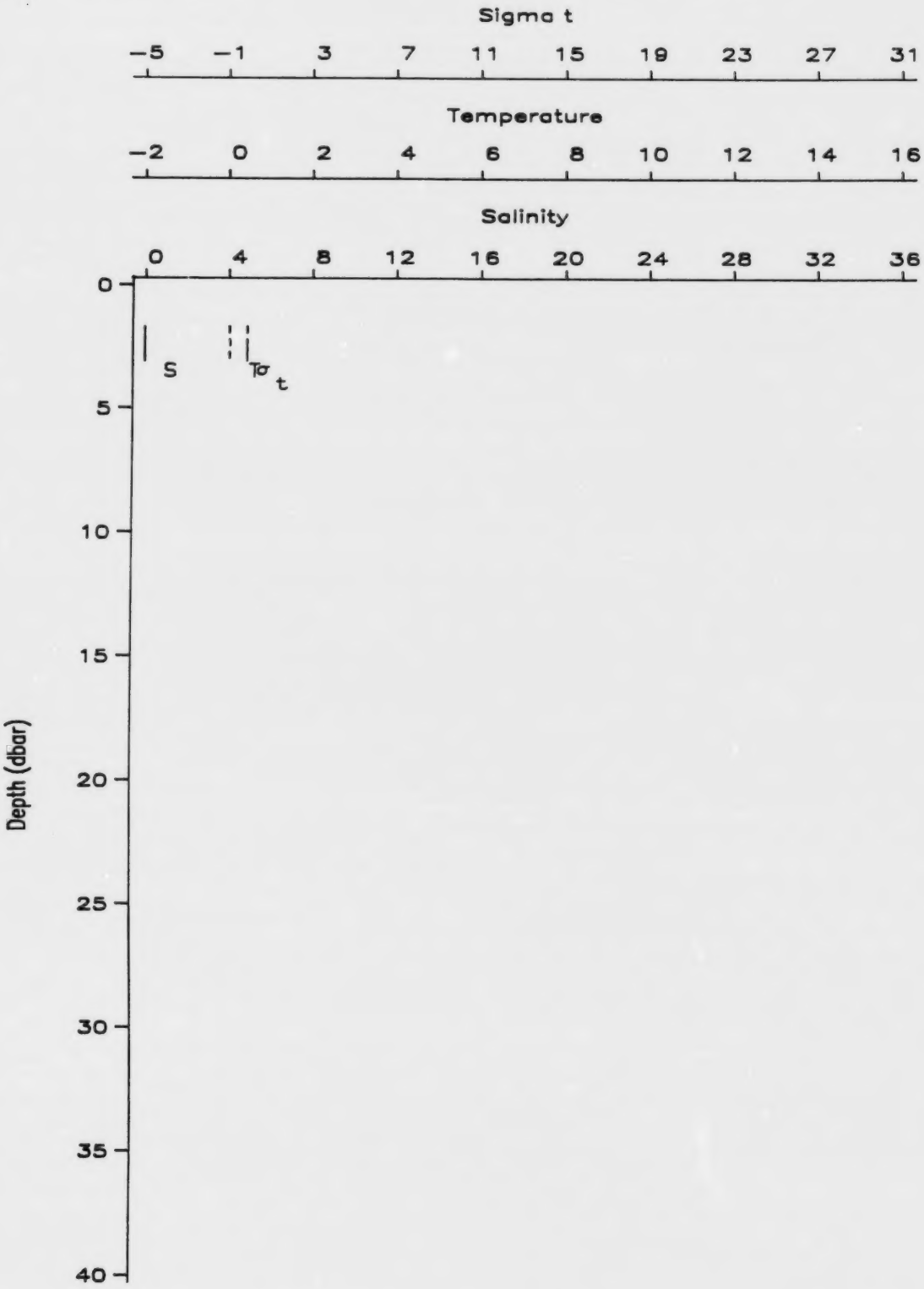

Table A1.6. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87006, May 6, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.7	0.00	0.00	999.84	2.3	0.00	0.02	999.84	2.8	0.00	0.00	999.84
1.8	0.00	0.01	999.84	2.5	0.00	0.01	999.84	2.9	0.00	0.01	999.84
2.1	0.00	0.00	999.84	2.6	0.00	0.00	999.84	3.1	0.00	0.01	999.84
2.2	0.00	0.01	999.84	2.7	0.00	0.01	999.84				

STATION: 87007 DATE: 07 May

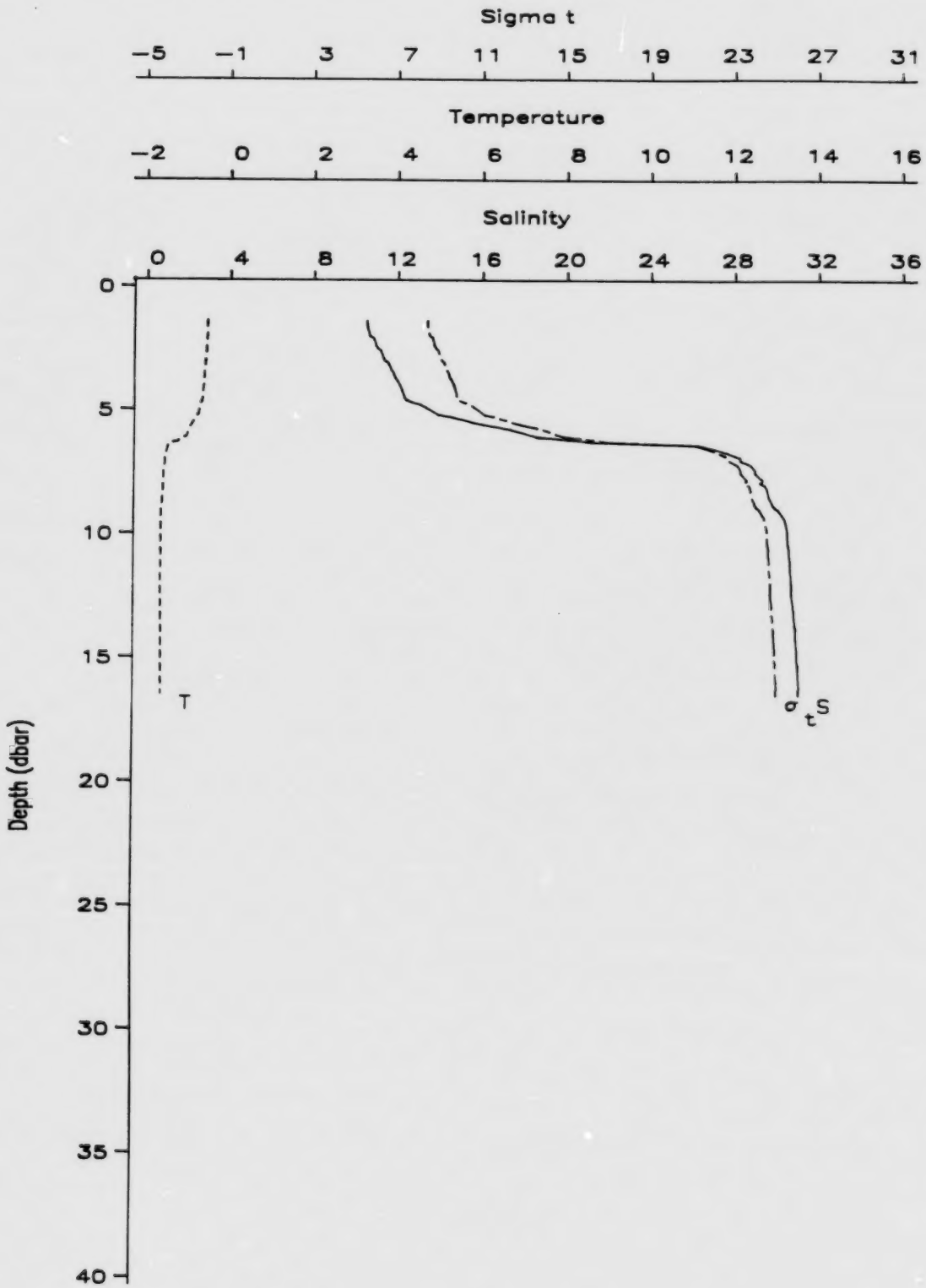

Table A1.7. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87007, May 7, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.4	10.51	-0.57	1008.35	6.4	26.28	-1.49	1021.09	11.2	30.63	-1.65	1024.63
1.5	10.49	-0.57	1008.33	6.7	27.64	-1.53	1022.20	11.5	30.66	-1.66	1024.65
1.7	10.54	-0.57	1008.37	6.8	27.95	-1.55	1022.45	11.7	30.69	-1.66	1024.68
2.0	10.64	-0.57	1008.45	6.9	28.24	-1.56	1022.68	12.0	30.71	-1.66	1024.69
2.1	10.82	-0.58	1008.60	7.0	28.23	-1.57	1022.68	12.2	30.71	-1.66	1024.69
2.4	10.94	-0.59	1008.69	7.2	28.76	-1.57	1023.11	12.4	30.71	-1.66	1024.69
2.5	11.01	-0.59	1008.75	7.4	28.94	-1.59	1023.25	12.7	30.75	-1.65	1024.72
2.6	11.15	-0.59	1008.86	7.5	28.93	-1.60	1023.25	12.8	30.78	-1.65	1024.75
2.9	11.29	-0.60	1008.98	7.8	29.31	-1.60	1023.55	13.0	30.79	-1.66	1024.76
3.0	11.35	-0.61	1009.03	7.9	29.20	-1.60	1023.46	13.1	30.82	-1.65	1024.78
3.1	11.51	-0.62	1009.15	8.0	29.41	-1.61	1023.64	13.3	30.82	-1.65	1024.78
3.4	11.67	-0.63	1009.28	8.1	29.50	-1.61	1023.71	13.6	30.88	-1.65	1024.83
3.5	11.76	-0.64	1009.36	8.5	29.61	-1.62	1023.80	13.7	30.88	-1.65	1024.83
3.7	11.84	-0.64	1009.42	8.7	29.74	-1.63	1023.90	13.8	30.91	-1.65	1024.85
3.8	11.94	-0.65	1009.50	8.8	29.79	-1.63	1023.94	13.9	30.91	-1.65	1024.85
4.0	12.07	-0.65	1009.61	8.9	29.88	-1.63	1024.02	14.2	30.92	-1.65	1024.86
4.2	12.17	-0.67	1009.69	9.0	30.05	-1.65	1024.16	14.5	30.96	-1.65	1024.89
4.5	12.29	-0.68	1009.78	9.2	30.22	-1.65	1024.29	14.7	30.98	-1.65	1024.91
4.6	12.38	-0.68	1009.86	9.3	30.31	-1.65	1024.37	14.8	30.98	-1.65	1024.91
4.7	12.63	-0.70	1010.06	9.4	30.38	-1.65	1024.42	15.1	30.98	-1.65	1024.91
4.8	13.05	-0.74	1010.40	9.6	30.44	-1.65	1024.47	15.2	31.00	-1.64	1024.93
4.9	13.26	-0.75	1010.57	9.9	30.51	-1.65	1024.53	15.3	31.02	-1.64	1024.94
5.2	13.86	-0.78	1011.05	10.0	30.51	-1.65	1024.53	15.6	31.04	-1.65	1024.96
5.3	14.53	-0.83	1011.59	10.1	30.52	-1.65	1024.54	15.7	31.04	-1.64	1024.96
5.5	15.48	-0.90	1012.36	10.4	30.54	-1.66	1024.55	15.9	31.07	-1.64	1024.98
5.6	16.01	-0.93	1012.78	10.5	30.56	-1.66	1024.57	16.0	31.07	-1.64	1024.98
5.8	17.31	-1.00	1013.83	10.6	30.59	-1.65	1024.59	16.2	31.09	-1.64	1025.00
6.1	18.57	-1.06	1014.85	10.7	30.59	-1.65	1024.59	16.3	31.03	-1.64	1024.95
6.2	19.92	-1.16	1015.94	10.9	30.60	-1.66	1024.60	16.4	31.05	-1.64	1024.97
6.3	21.11	-1.27	1016.91	11.1	30.64	-1.66	1024.63	16.5	31.05	-1.64	1024.97

STATION: 87008 DATE: 08 May

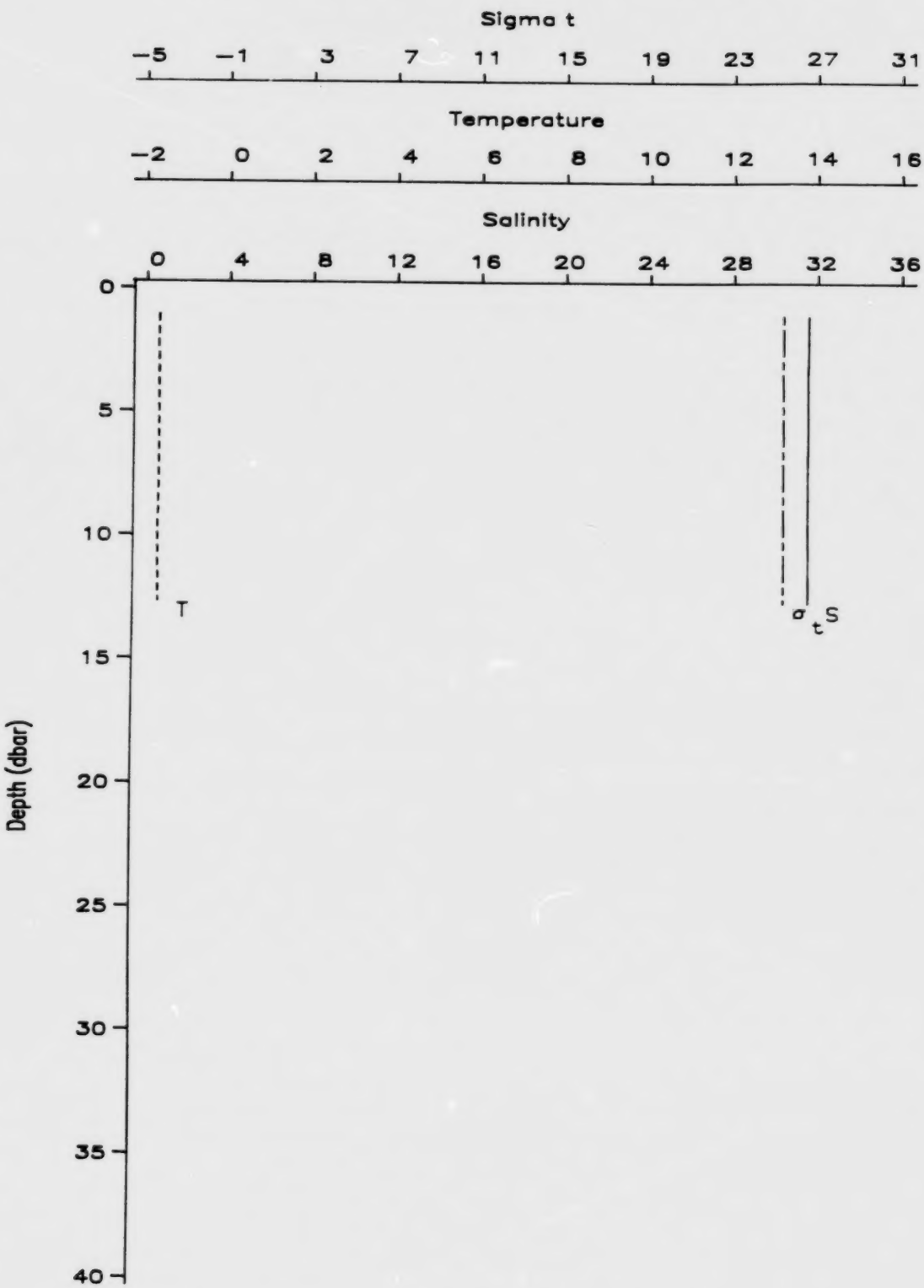

Table A1.8. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87008, May 8, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.1	31.56	-1.70	1025.38	5.5	31.51	-1.71	1025.34	9.7	31.52	-1.71	1025.35
1.2	31.53	-1.71	1025.36	5.8	31.51	-1.71	1025.34	9.9	31.54	-1.72	1025.37
1.6	31.54	-1.71	1025.37	5.9	31.53	-1.71	1025.36	10.1	31.54	-1.72	1025.37
1.7	31.53	-1.71	1025.36	6.1	31.51	-1.71	1025.34	10.4	31.54	-1.72	1025.37
2.0	31.52	-1.71	1025.35	6.3	31.51	-1.71	1025.34	10.5	31.53	-1.71	1025.36
2.1	31.53	-1.72	1025.36	6.5	31.51	-1.71	1025.34	10.7	31.54	-1.72	1025.37
2.3	31.53	-1.71	1025.36	6.7	31.51	-1.71	1025.34	10.8	31.54	-1.72	1025.37
2.6	31.53	-1.71	1025.36	6.9	31.51	-1.71	1025.34	11.1	31.54	-1.72	1025.37
2.8	31.52	-1.71	1025.35	7.0	31.52	-1.71	1025.35	11.5	31.54	-1.71	1025.37
3.1	31.52	-1.71	1025.35	7.1	31.52	-1.71	1025.35	11.6	31.54	-1.71	1025.37
3.3	31.51	-1.71	1025.34	7.4	31.51	-1.71	1025.34	11.7	31.55	-1.71	1025.37
3.4	31.50	-1.71	1025.33	7.6	31.52	-1.71	1025.35	11.8	31.54	-1.71	1025.37
3.6	31.50	-1.71	1025.33	7.9	31.52	-1.71	1025.35	11.9	31.55	-1.70	1025.37
3.8	31.52	-1.71	1025.35	8.0	31.52	-1.71	1025.35	12.1	31.55	-1.71	1025.37
4.1	31.53	-1.71	1025.36	8.2	31.53	-1.72	1025.36	12.2	31.55	-1.71	1025.37
4.3	31.51	-1.71	1025.34	8.5	31.52	-1.71	1025.35	12.3	31.55	-1.70	1025.37
4.6	31.52	-1.71	1025.35	8.7	31.52	-1.71	1025.35	12.4	31.54	-1.70	1025.37
4.8	31.53	-1.71	1025.36	9.0	31.52	-1.71	1025.35	12.6	31.53	-1.70	1025.36
5.0	31.53	-1.71	1025.36	9.2	31.53	-1.72	1025.36	12.7	31.53	-1.70	1025.36
5.2	31.52	-1.71	1025.35	9.5	31.53	-1.72	1025.36				
5.4	31.52	-1.71	1025.35	9.6	31.52	-1.72	1025.35				

STATION: 87009 DATE: 09 May

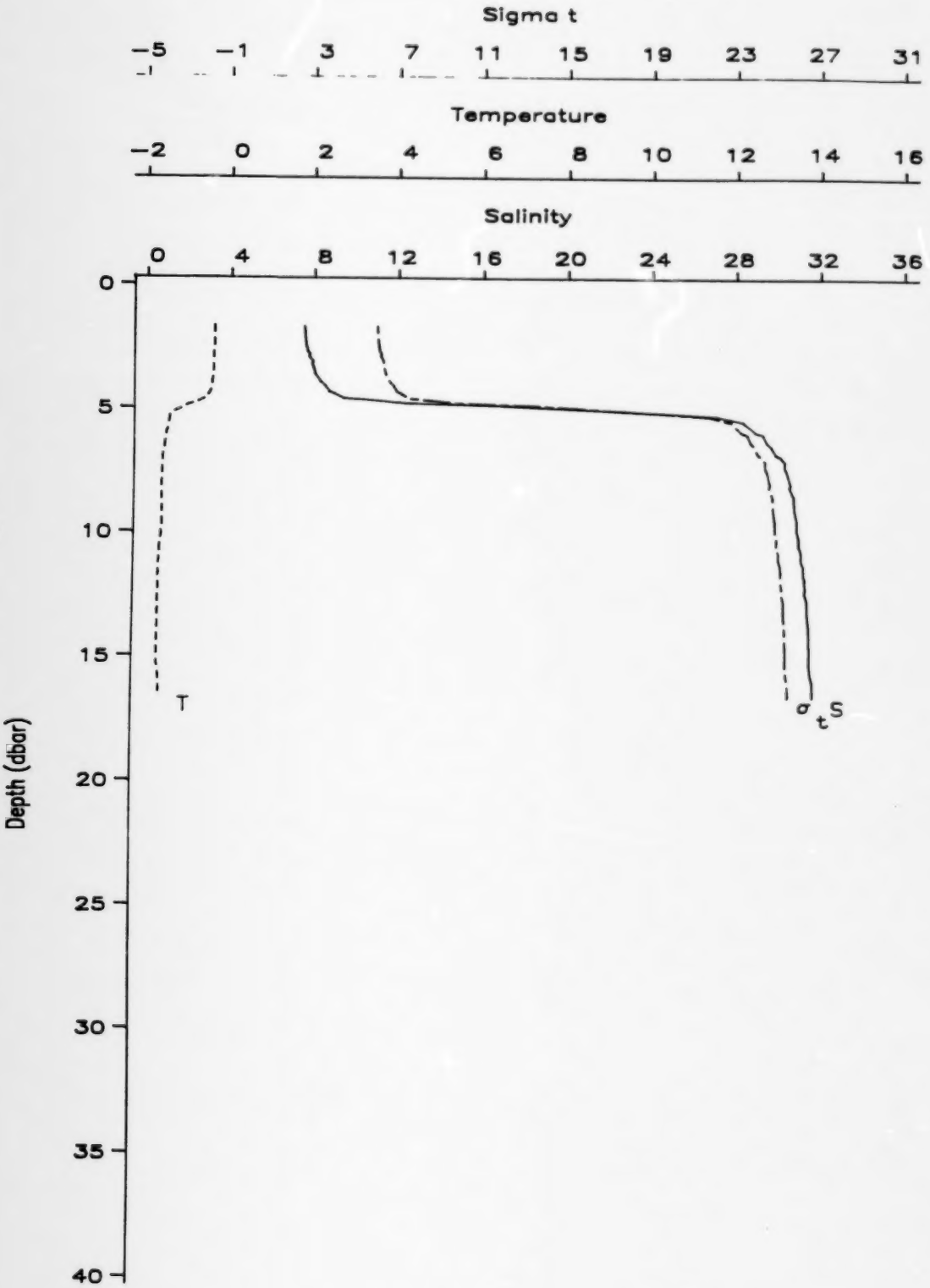

Table A1.9. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87009, May 9, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.7	7.51	-0.42	1005.93	6.8	29.88	-1.62	1024.02	11.8	31.29	-1.73	1025.16
1.8	7.53	-0.41	1005.94	6.9	30.10	-1.64	1024.20	11.9	31.27	-1.72	1025.15
2.0	7.56	-0.42	1005.97	7.1	30.31	-1.64	1024.37	12.2	31.32	-1.72	1025.19
2.2	7.58	-0.42	1005.98	7.4	30.35	-1.65	1024.40	12.4	31.28	-1.72	1025.16
2.5	7.62	-0.42	1006.02	7.5	30.42	-1.65	1024.46	12.6	31.37	-1.73	1025.23
2.7	7.67	-0.43	1006.06	7.9	30.56	-1.65	1024.57	12.8	31.42	-1.73	1025.27
2.8	7.76	-0.44	1006.13	8.0	30.61	-1.66	1024.61	13.1	31.43	-1.71	1025.28
2.9	7.72	-0.43	1006.10	8.1	30.54	-1.66	1024.55	13.2	31.42	-1.73	1025.27
3.1	7.91	-0.45	1006.25	8.4	30.69	-1.66	1024.68	13.4	31.45	-1.71	1025.29
3.2	7.87	-0.44	1006.22	8.5	30.76	-1.65	1024.73	13.6	31.47	-1.72	1025.31
3.4	7.96	-0.44	1006.29	8.6	30.77	-1.65	1024.74	13.8	31.50	-1.73	1025.33
3.6	8.02	-0.45	1006.34	8.7	30.76	-1.65	1024.73	14.2	31.52	-1.73	1025.35
3.9	8.26	-0.47	1006.53	9.0	30.81	-1.65	1024.77	14.4	31.51	-1.73	1025.34
4.1	8.50	-0.47	1006.73	9.1	30.82	-1.65	1024.78	14.7	31.54	-1.73	1025.37
4.3	8.68	-0.50	1006.87	9.3	30.86	-1.65	1024.81	14.9	31.52	-1.73	1025.35
4.4	8.93	-0.53	1007.07	9.5	30.91	-1.65	1024.85	15.1	31.53	-1.71	1025.36
4.6	9.36	-0.60	1007.42	9.9	30.92	-1.66	1024.86	15.3	31.54	-1.73	1025.37
4.8	12.29	-0.82	1009.78	10.1	30.98	-1.67	1024.91	15.5	31.57	-1.68	1025.39
4.9	16.99	-1.04	1013.57	10.2	31.00	-1.67	1024.93	15.8	31.61	-1.68	1025.42
5.0	19.23	-1.14	1015.39	10.5	30.98	-1.69	1024.91	15.9	31.65	-1.67	1025.45
5.2	24.66	-1.38	1019.78	10.6	31.07	-1.70	1024.98	16.0	31.67	-1.67	1025.47
5.3	27.09	-1.47	1021.75	10.8	31.12	-1.70	1025.02	16.1	31.69	-1.67	1025.49
5.5	28.32	-1.49	1022.75	11.1	31.14	-1.71	1025.04	16.4	31.70	-1.66	1025.50
5.9	28.88	-1.53	1023.20	11.2	31.17	-1.71	1025.07	16.5	31.70	-1.66	1025.50
6.0	29.25	-1.56	1023.50	11.3	31.23	-1.72	1025.11	16.6	31.70	-1.66	1025.50
6.3	29.44	-1.57	1023.66	11.5	31.25	-1.73	1025.13				
6.5	29.67	-1.60	1023.85	11.7	31.23	-1.71	1025.11				

STATION: 87010 DATE: 12 May

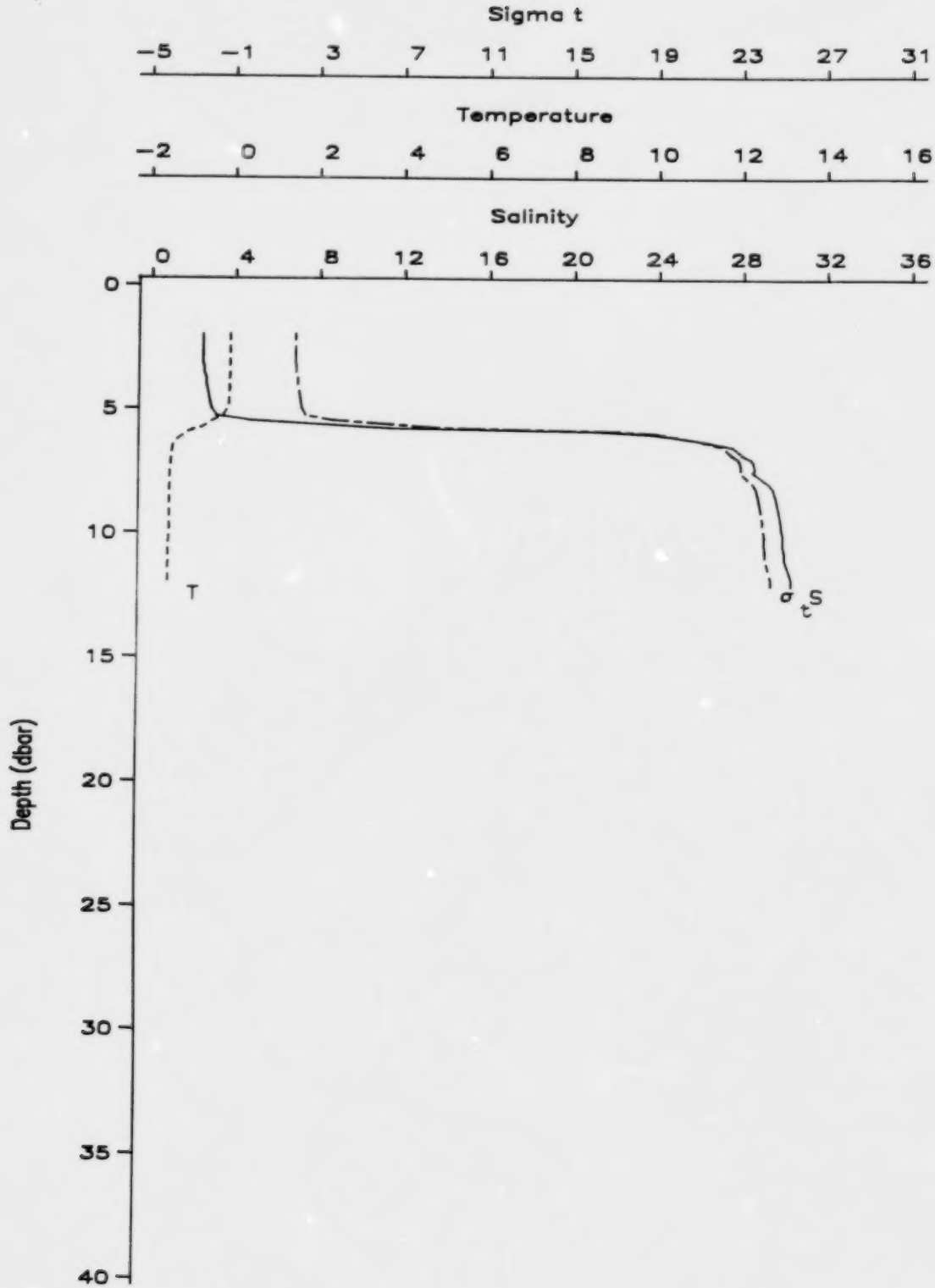

Table A1.10. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87010, May 12, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.0	2.44	-0.14	1001.83	4.8	2.79	-0.16	1002.11	8.5	29.52	-1.56	1023.72
2.1	2.44	-0.14	1001.83	5.0	2.85	-0.19	1002.16	8.7	29.57	-1.56	1023.76
2.2	2.44	-0.14	1001.83	5.3	3.08	-0.29	1002.34	9.0	29.65	-1.56	1023.83
2.3	2.44	-0.14	1001.83	5.5	4.71	-0.51	1003.65	9.5	29.77	-1.56	1023.93
2.5	2.44	-0.14	1001.83	5.8	11.33	-0.80	1009.00	9.7	29.80	-1.56	1023.95
2.7	2.44	-0.14	1001.83	5.9	21.16	-1.01	1016.95	9.9	29.83	-1.56	1023.98
2.8	2.44	-0.14	1001.83	6.0	23.66	-1.14	1018.97	10.1	29.88	-1.57	1024.02
3.1	2.44	-0.14	1001.83	6.3	26.29	-1.38	1021.10	10.4	29.88	-1.58	1024.02
3.2	2.45	-0.14	1001.84	6.5	27.48	-1.48	1022.07	10.5	29.88	-1.59	1024.02
3.3	2.50	-0.14	1001.88	6.8	27.92	-1.51	1022.42	10.7	29.93	-1.59	1024.06
3.6	2.53	-0.14	1001.90	7.0	28.35	-1.52	1022.77	10.8	29.95	-1.58	1024.07
3.7	2.57	-0.14	1001.93	7.1	28.46	-1.53	1022.86	11.1	29.97	-1.57	1024.09
3.8	2.61	-0.15	1001.96	7.4	28.54	-1.54	1022.93	11.2	30.02	-1.58	1024.13
4.1	2.63	-0.15	1001.98	7.5	28.44	-1.55	1022.85	11.3	30.06	-1.59	1024.16
4.2	2.65	-0.15	1002.00	7.8	28.89	-1.56	1023.21	11.6	30.19	-1.60	1024.27
4.4	2.70	-0.16	1002.04	8.0	29.23	-1.55	1023.49	11.7	30.23	-1.59	1024.30
4.6	2.74	-0.16	1002.07	8.2	29.41	-1.56	1023.63	11.9	30.29	-1.58	1024.35
4.7	2.78	-0.16	1002.10	8.4	29.47	-1.56	1023.68	12.1	30.29	-1.58	1024.35

STATION: 87009 DATE: 12 May

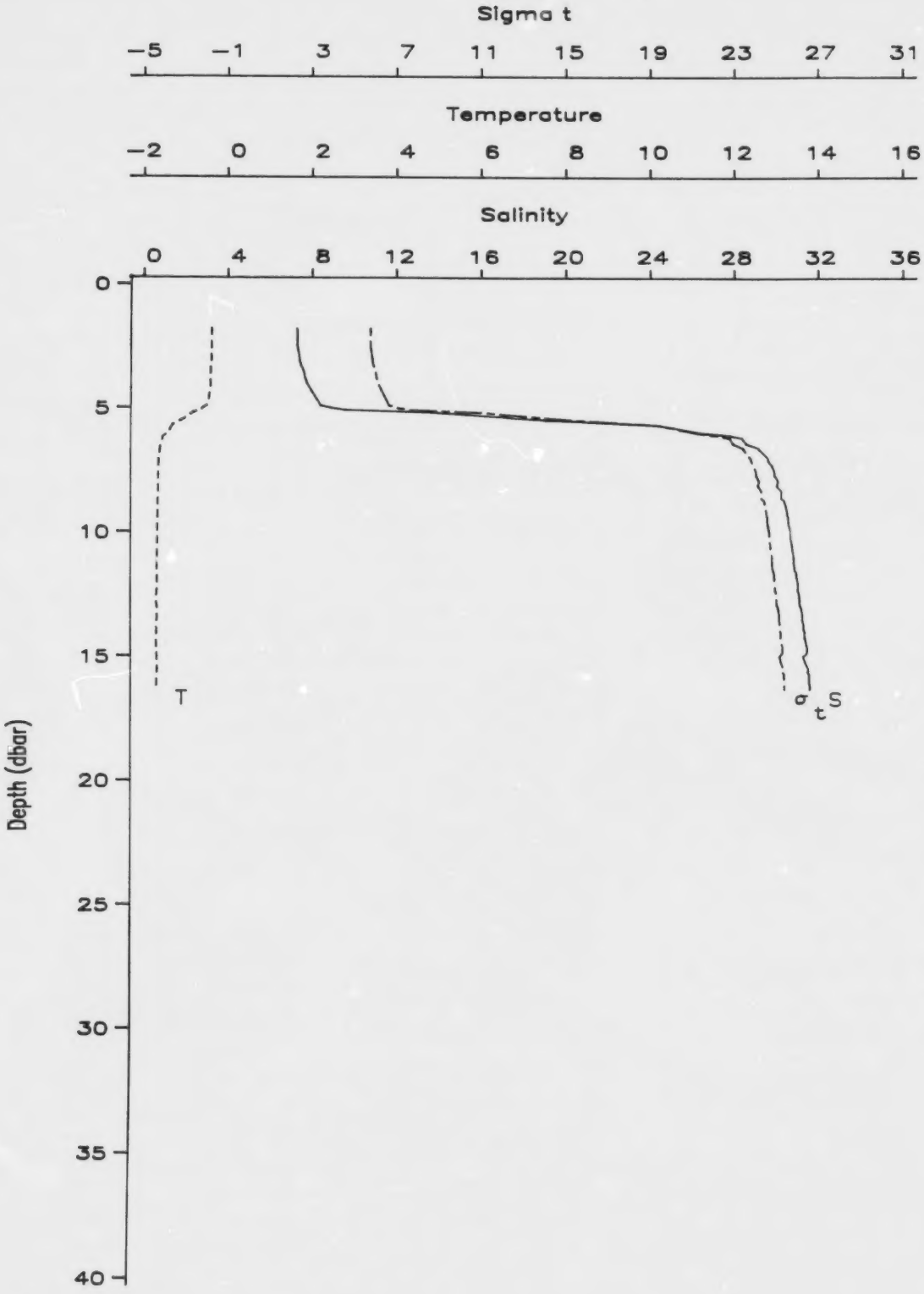

Table A1.11. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87009, May 12, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.8	7.26	-0.40	1005.72	7.1	29.62	-1.64	1023.81	12.3	31.01	-1.68	1024.94
1.9	7.28	-0.40	1005.74	7.3	29.79	-1.65	1023.94	12.4	31.08	-1.69	1024.99
2.2	7.26	-0.40	1005.72	7.6	29.92	-1.65	1024.05	12.6	31.12	-1.70	1025.02
2.5	7.28	-0.40	1005.74	7.7	29.93	-1.65	1024.06	12.9	31.14	-1.69	1025.04
2.6	7.30	-0.40	1005.76	7.9	30.08	-1.65	1024.18	13.0	31.20	-1.67	1025.09
3.0	7.39	-0.41	1005.83	8.1	30.01	-1.65	1024.12	13.1	31.22	-1.66	1025.11
3.1	7.39	-0.41	1005.83	8.3	30.22	-1.65	1024.29	13.3	31.27	-1.67	1025.15
3.3	7.46	-0.42	1005.89	8.6	30.22	-1.65	1024.29	13.5	31.25	-1.68	1025.13
3.5	7.58	-0.42	1005.98	8.7	30.37	-1.66	1024.42	13.7	31.32	-1.69	1025.19
3.8	7.65	-0.43	1006.04	8.8	30.41	-1.66	1024.45	13.9	31.33	-1.69	1025.20
4.0	7.73	-0.43	1006.10	9.0	30.48	-1.66	1024.50	14.0	31.37	-1.69	1025.23
4.3	7.94	-0.44	1006.27	9.3	30.53	-1.66	1024.55	14.2	31.37	-1.69	1025.23
4.5	8.09	-0.46	1006.39	9.4	30.57	-1.66	1024.58	14.5	31.45	-1.70	1025.29
4.6	8.16	-0.46	1006.45	9.7	30.61	-1.67	1024.61	14.6	31.49	-1.69	1025.33
4.9	8.37	-0.50	1006.62	9.8	30.64	-1.67	1024.63	14.7	31.48	-1.68	1025.32
5.0	8.86	-0.59	1007.01	10.1	30.69	-1.67	1024.68	14.8	31.50	-1.68	1025.33
5.1	9.55	-0.66	1007.57	10.3	30.71	-1.67	1024.69	15.0	31.30	-1.68	1025.17
5.2	13.80	-0.84	1011.00	10.5	30.75	-1.67	1024.72	15.2	31.39	-1.68	1025.24
5.5	19.02	-1.09	1015.22	10.7	30.78	-1.68	1024.75	15.5	31.56	-1.68	1025.38
5.7	24.39	-1.32	1019.56	11.0	30.85	-1.68	1024.81	15.6	31.50	-1.68	1025.33
6.0	26.47	-1.42	1021.25	11.2	30.82	-1.68	1024.78	15.7	31.59	-1.69	1025.41
6.1	27.81	-1.48	1022.34	11.4	30.88	-1.69	1024.83	15.8	31.59	-1.69	1025.41
6.2	28.37	-1.55	1022.79	11.5	30.90	-1.68	1024.85	16.0	31.57	-1.69	1025.39
6.4	28.54	-1.57	1022.93	11.6	30.97	-1.68	1024.90	16.2	31.63	-1.70	1025.44
6.6	29.13	-1.61	1023.41	11.8	30.99	-1.68	1024.92	16.3	31.63	-1.69	1025.44
7.0	29.59	-1.64	1023.78	12.1	31.05	-1.68	1024.97				

STATION: 87011 DATE: 13 May

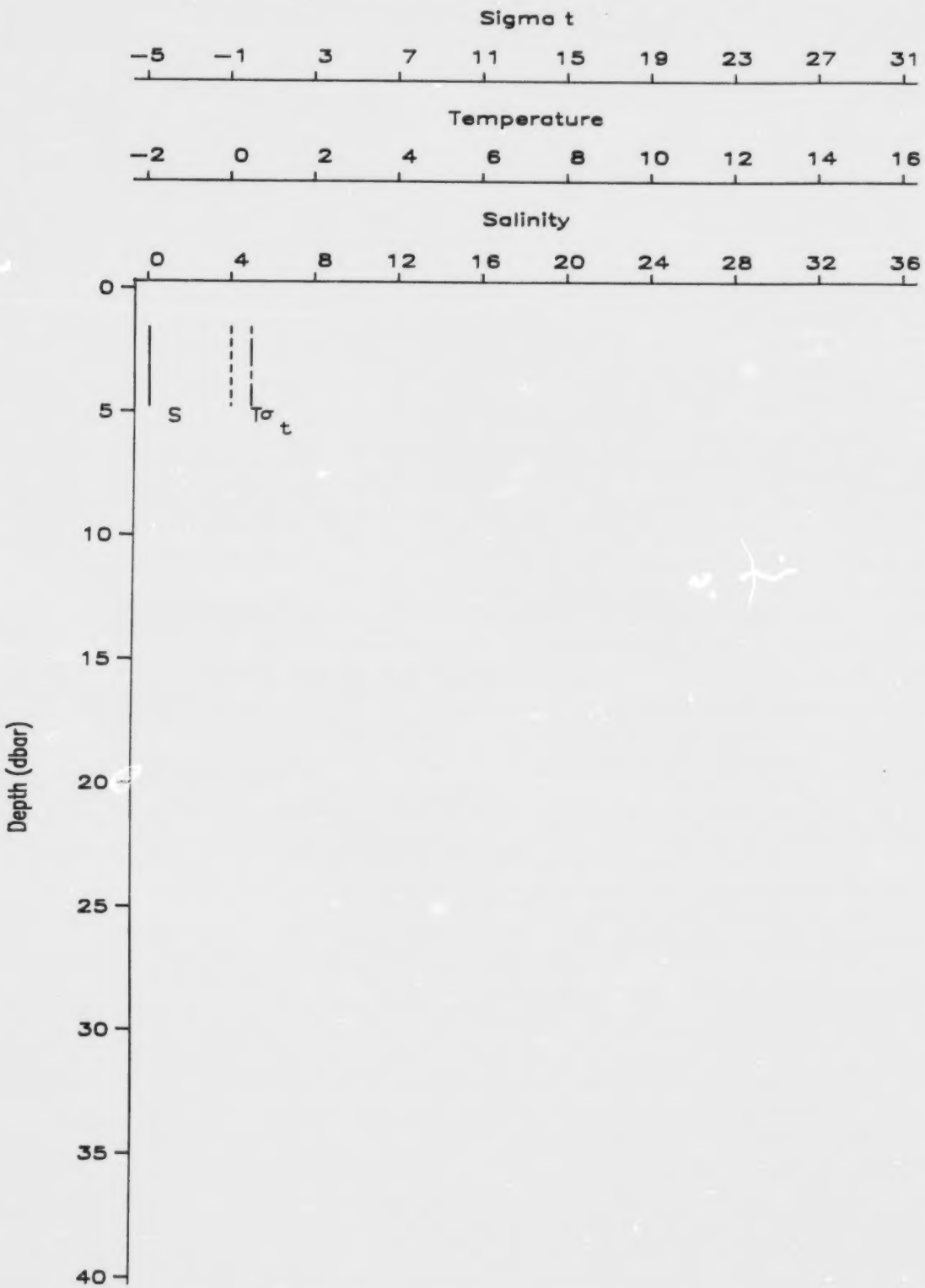

Table A1.12. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87011, May 13, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.6	0.13	0.00	999.95	3.1	0.13	0.00	999.95	4.2	0.13	0.00	999.95
1.8	0.13	0.00	999.95	3.2	0.13	0.00	999.95	4.4	0.13	0.00	999.95
2.0	0.13	0.00	999.95	3.3	0.13	0.00	999.95	4.6	0.13	0.00	999.95
2.1	0.14	0.00	999.96	3.4	0.13	0.00	999.95	4.7	0.13	0.00	999.95
2.3	0.13	0.00	999.95	3.7	0.13	0.00	999.95	4.8	0.13	0.00	999.95
2.6	0.13	0.00	999.95	3.8	0.14	0.00	999.96				
2.7	0.13	0.00	999.95	4.1	0.13	0.00	999.95				

STATION: 87012 DATE: 17 May

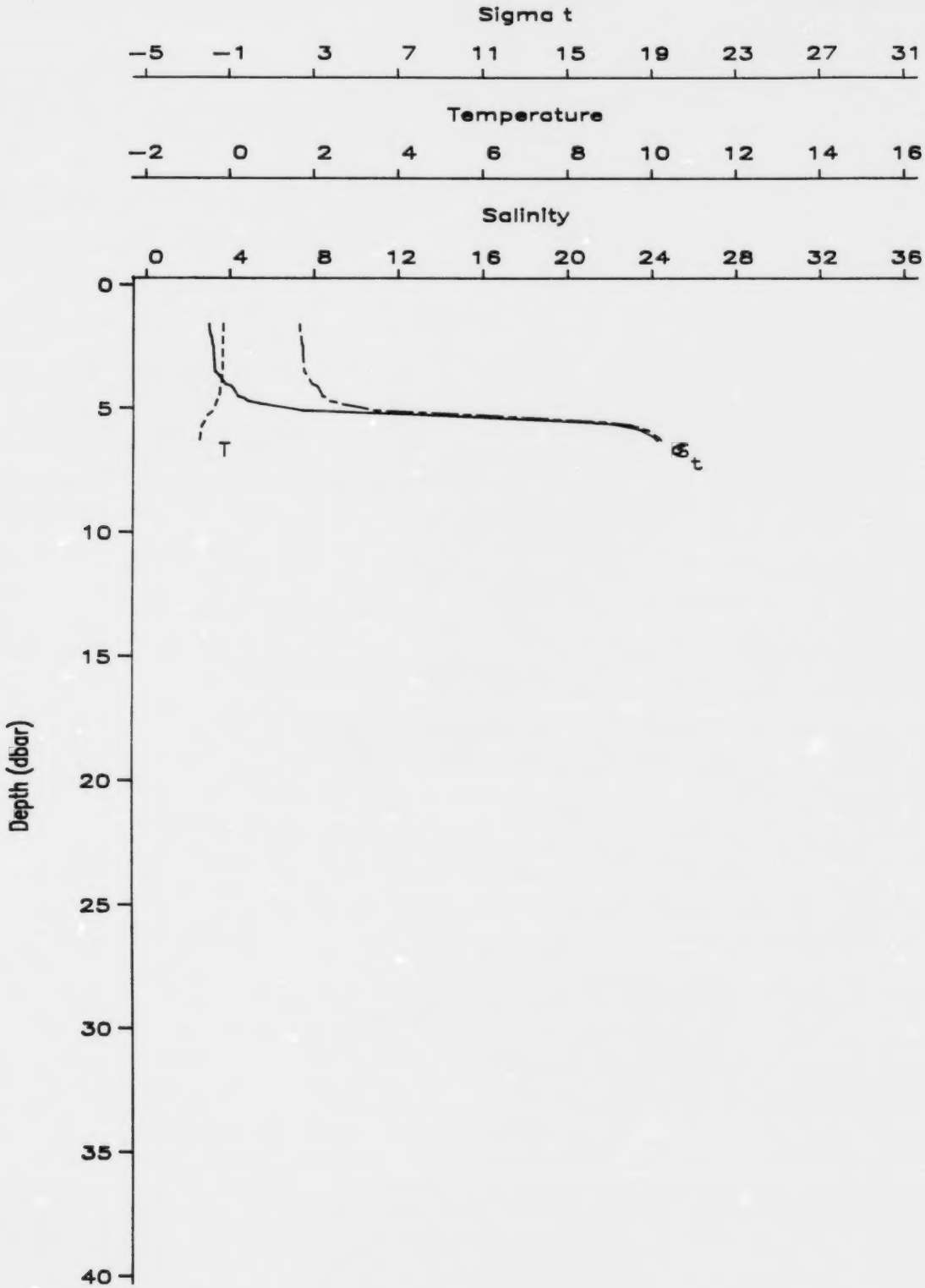

Table A1.13. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87012, May 17, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.6	3.02	-0.17	1002.30	3.5	3.31	-0.18	1002.53	5.1	7.47	-0.40	1005.89
1.9	3.05	-0.17	1002.32	3.7	3.51	-0.20	1002.69	5.3	13.62	-0.53	1010.86
2.0	3.07	-0.17	1002.34	4.0	3.77	-0.21	1002.90	5.6	21.22	-0.63	1017.00
2.1	3.13	-0.18	1002.39	4.1	4.05	-0.23	1003.13	5.7	22.46	-0.67	1018.00
2.4	3.18	-0.18	1002.43	4.2	4.17	-0.24	1003.23	5.9	23.48	-0.70	1018.82
2.5	3.23	-0.18	1002.47	4.5	4.37	-0.26	1003.39	6.2	24.08	-0.72	1019.31
2.7	3.25	-0.18	1002.48	4.6	4.69	-0.30	1003.65	6.3	24.20	-0.73	1019.41
3.0	3.27	-0.18	1002.50	4.7	4.83	-0.31	1003.76				
3.2	3.29	-0.18	1002.52	4.8	5.34	-0.34	1004.17				

STATION: 87013 DATE: 19 May

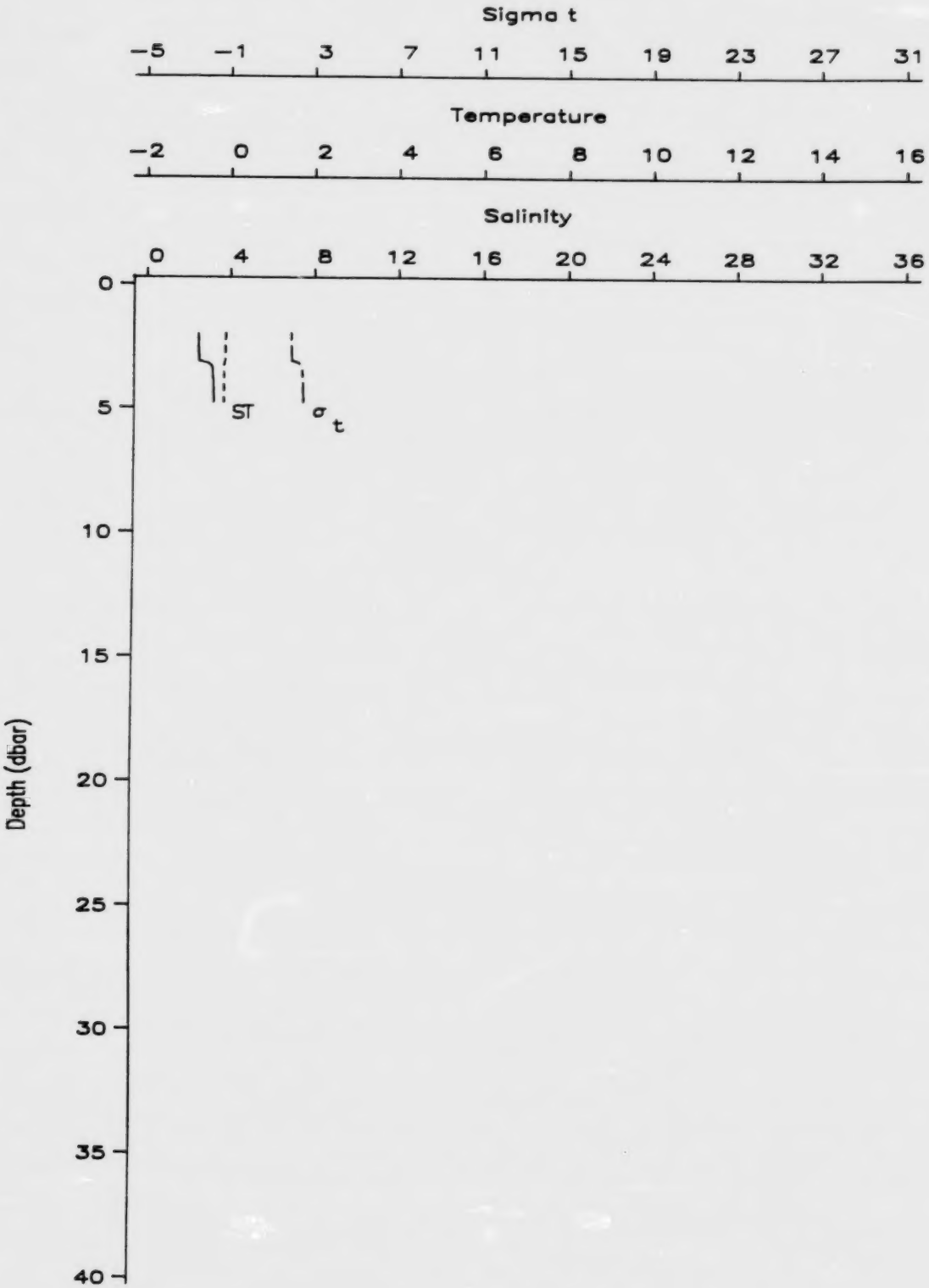

Table A1.14. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87013, May 19, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.0	2.47	-0.14	1001.85	3.1	2.53	-0.15	1001.90	4.2	3.20	-0.18	1002.44
2.2	2.48	-0.14	1001.86	3.2	2.92	-0.17	1002.22	4.3	3.21	-0.18	1002.45
2.3	2.48	-0.15	1001.86	3.3	3.07	-0.18	1002.34	4.4	3.21	-0.18	1002.45
2.6	2.49	-0.14	1001.87	3.4	3.13	-0.18	1002.39	4.6	3.22	-0.18	1002.46
2.7	2.49	-0.14	1001.87	3.7	3.16	-0.17	1002.41	4.7	3.22	-0.17	1002.46
2.9	2.51	-0.15	1001.88	3.9	3.19	-0.18	1002.43	4.8	3.19	-0.18	1002.43

STATION: 87015 DATE: 19 July

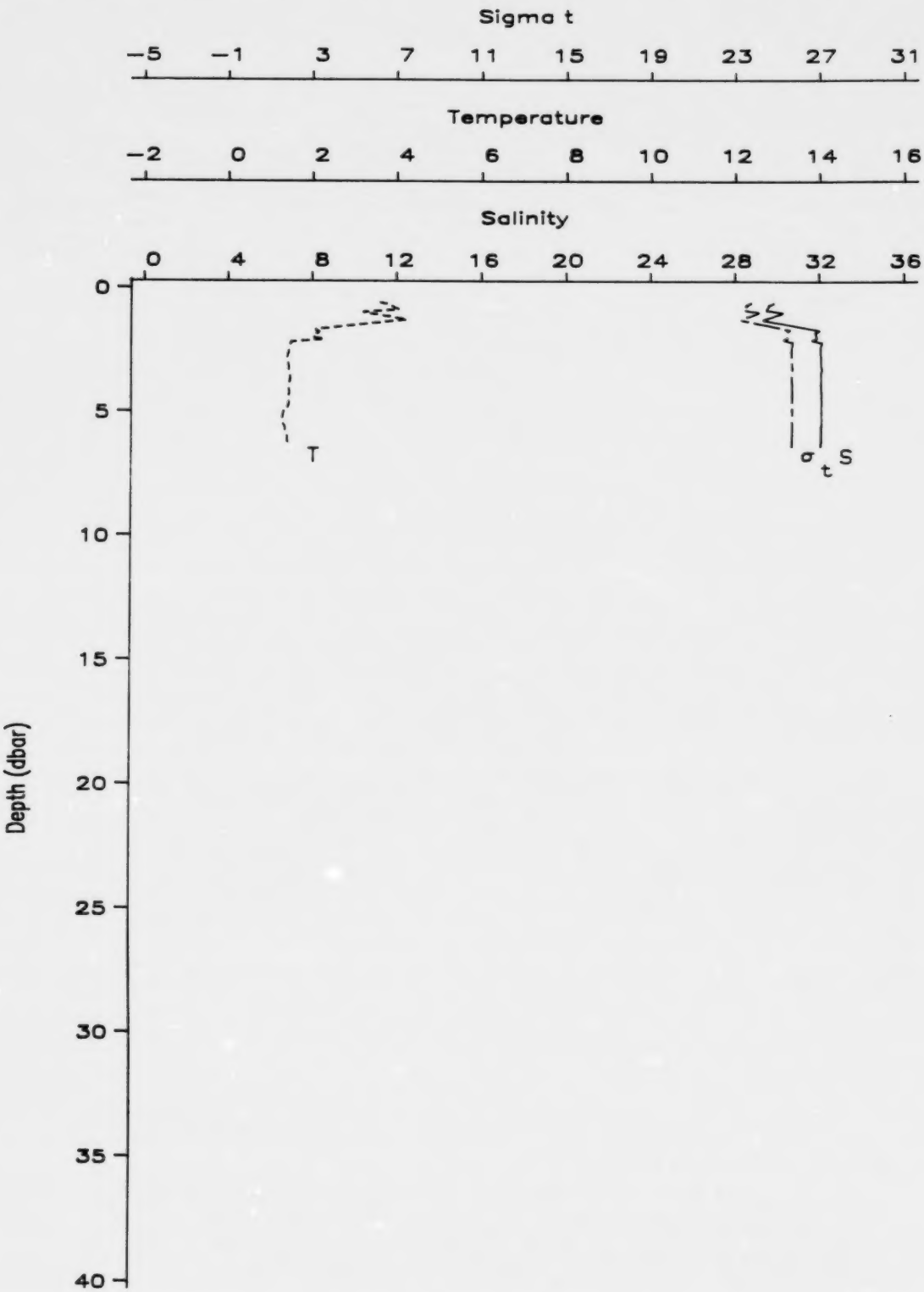

Table A1.15. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87015, July 19, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	29.85	3.59	1023.73	2.6	32.07	1.42	1025.66	4.8	32.13	1.40	1025.71
0.7	29.61	3.82	1023.52	2.8	32.10	1.38	1025.69	4.9	32.12	1.38	1025.71
0.9	29.47	4.03	1023.39	3.2	32.13	1.43	1025.71	5.0	32.13	1.30	1025.72
1.0	30.28	3.18	1024.10	3.3	32.15	1.42	1025.73	5.3	32.14	1.26	1025.73
1.3	29.34	4.22	1023.27	3.4	32.09	1.47	1025.68	5.5	32.10	1.29	1025.70
1.7	32.01	2.06	1025.57	3.8	32.10	1.44	1025.69	5.6	32.09	1.33	1025.69
1.8	31.82	2.14	1025.41	3.9	32.11	1.43	1025.70	5.8	32.11	1.34	1025.70
2.0	31.91	2.00	1025.50	4.2	32.12	1.42	1025.70	6.0	32.08	1.39	1025.67
2.1	31.69	2.26	1025.30	4.3	32.12	1.42	1025.70	6.2	32.10	1.38	1025.69
2.2	32.14	1.49	1025.72	4.4	32.11	1.42	1025.70	6.3	32.07	1.42	1025.66
2.4	32.07	1.42	1025.66	4.7	32.12	1.42	1025.70	6.4	32.08	1.42	1025.67

STATION: 87016 DATE: 19 July

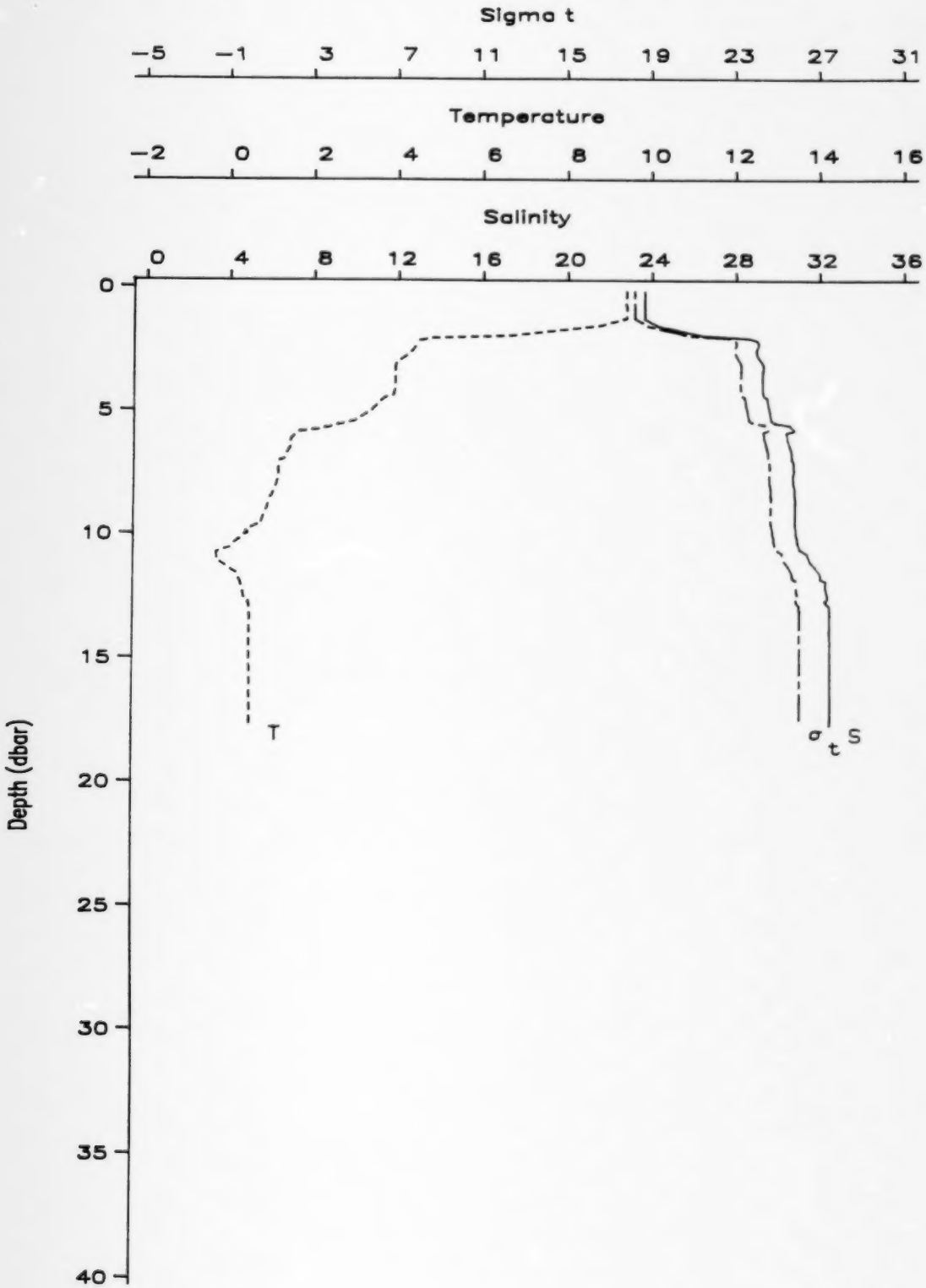

Table A1.16. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87016, July 19, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	23.65	9.40	1018.19	6.2	30.46	1.42	1024.37	12.2	32.29	0.29	1025.91
0.4	23.65	9.40	1018.19	6.4	30.54	1.41	1024.44	12.4	32.34	0.31	1025.94
0.5	23.64	9.40	1018.18	6.5	30.57	1.42	1024.46	12.6	32.38	0.33	1025.98
0.6	23.65	9.38	1018.20	6.6	30.62	1.38	1024.50	12.7	32.24	0.45	1025.86
0.7	23.66	9.38	1018.20	6.8	30.67	1.31	1024.55	12.8	32.32	0.41	1025.92
0.9	23.64	9.41	1018.18	7.0	30.66	1.27	1024.54	12.9	32.46	0.45	1026.03
1.1	23.64	9.40	1018.18	7.1	30.75	1.12	1024.62	13.1	32.49	0.44	1026.06
1.2	23.65	9.40	1018.19	7.3	30.73	1.14	1024.61	13.3	32.48	0.46	1026.05
1.3	23.65	9.39	1018.19	7.4	30.77	1.12	1024.64	13.7	32.48	0.45	1026.05
1.6	24.26	8.75	1018.76	7.6	30.71	1.14	1024.59	13.8	32.48	0.45	1026.05
2.0	26.45	6.65	1020.73	8.0	30.75	1.08	1024.62	13.9	32.47	0.46	1026.04
2.1	28.69	4.80	1022.70	8.2	30.80	1.04	1024.67	14.4	32.51	0.45	1026.07
2.2	29.00	4.48	1022.97	8.5	30.78	0.96	1024.66	14.8	32.51	0.46	1026.07
2.3	29.07	4.44	1023.03	8.6	30.83	0.90	1024.70	14.9	32.50	0.46	1026.07
2.6	28.94	4.31	1022.94	8.7	30.82	0.89	1024.69	15.2	32.51	0.46	1026.07
2.8	29.01	4.17	1023.01	9.0	30.80	0.85	1024.68	15.3	32.51	0.46	1026.07
3.1	29.26	3.93	1023.23	9.2	30.80	0.79	1024.68	15.4	32.51	0.46	1026.07
3.2	29.31	3.90	1023.27	9.6	30.80	0.71	1024.68	15.5	32.51	0.47	1026.07
3.4	29.27	3.90	1023.24	9.9	30.87	0.36	1024.76	15.6	32.51	0.47	1026.07
3.7	29.26	3.90	1023.23	10.0	30.86	0.41	1024.75	15.8	32.50	0.47	1026.07
4.1	29.27	3.90	1023.24	10.1	30.89	0.31	1024.78	16.1	32.50	0.46	1026.07
4.3	29.29	3.87	1023.26	10.2	30.94	0.29	1024.82	16.5	32.51	0.47	1026.07
4.4	29.31	3.86	1023.28	10.3	30.92	0.17	1024.81	16.6	32.52	0.46	1026.08
4.5	29.47	3.65	1023.42	10.6	31.05	-0.01	1024.92	16.7	32.52	0.47	1026.08
4.8	29.54	3.47	1023.49	10.8	31.40	-0.33	1025.21	16.9	32.51	0.47	1026.07
5.0	29.59	3.35	1023.54	11.1	31.55	-0.30	1025.33	17.0	32.51	0.47	1026.07
5.4	29.67	2.99	1023.63	11.3	31.76	-0.14	1025.50	17.1	32.50	0.48	1026.06
5.5	29.82	2.85	1023.76	11.6	32.02	0.14	1025.69	17.4	32.51	0.47	1026.07
5.6	30.56	2.55	1024.38	11.7	32.04	0.19	1025.71	17.5	32.50	0.47	1026.07
5.8	30.78	2.11	1024.58	11.8	32.03	0.19	1025.70	17.6	32.51	0.47	1026.07
5.9	30.40	1.58	1024.31	11.9	32.27	0.23	1025.89	17.7	32.50	0.47	1026.07

STATION: 87017 DATE: 20 July

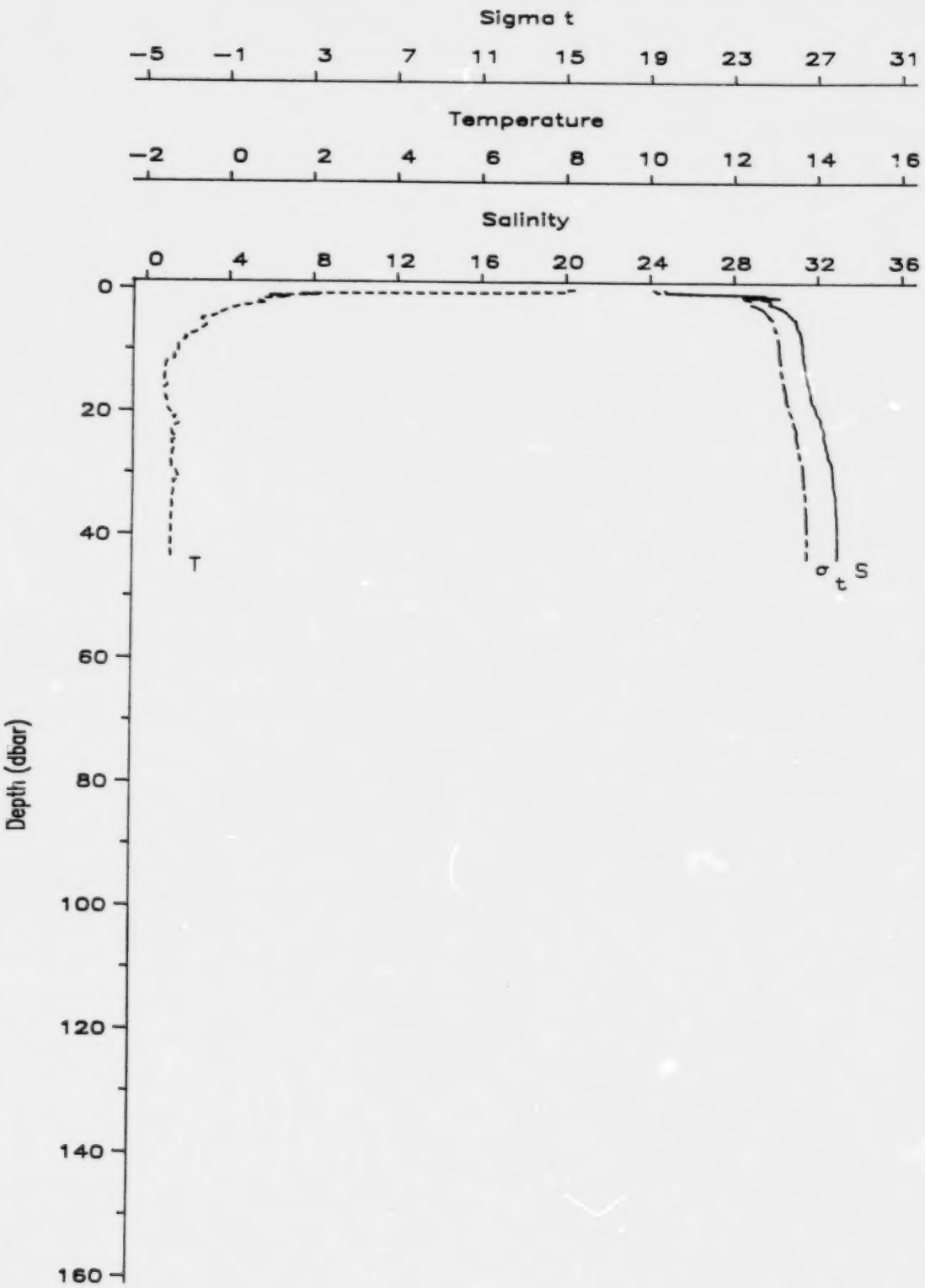

Table A1.17. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87017, July 20, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	24.68	8.18	1019.16	8.5	31.24	-1.08	1025.11	17.7	31.71	-1.54	1025.50
0.2	24.76	8.04	1019.24	8.6	31.25	-1.12	1025.12	17.8	31.72	-1.53	1025.51
0.5	24.85	8.03	1019.31	8.7	31.27	-1.15	1025.13	18.0	31.70	-1.52	1025.49
0.7	26.15	6.22	1020.54	8.8	31.29	-1.16	1025.15	18.1	31.72	-1.51	1025.51
0.9	29.51	2.07	1023.57	9.0	31.28	-1.21	1025.14	18.4	31.76	-1.50	1025.54
1.0	29.12	1.68	1023.28	9.4	31.28	-1.25	1025.15	18.6	31.79	-1.49	1025.56
1.1	29.30	2.11	1023.40	9.5	31.28	-1.23	1025.15	18.7	31.85	-1.48	1025.61
1.2	29.83	0.91	1023.89	10.1	31.29	-1.23	1025.15	19.2	31.89	-1.48	1025.65
1.3	30.19	1.24	1024.17	10.2	31.29	-1.23	1025.15	19.3	31.93	-1.48	1025.68
1.5	29.30	1.41	1023.44	10.3	31.30	-1.24	1025.16	19.5	31.91	-1.47	1025.66
1.7	29.65	0.83	1023.75	10.5	31.31	-1.25	1025.17	19.6	31.93	-1.47	1025.68
2.0	29.75	0.68	1023.84	10.6	31.33	-1.29	1025.19	19.7	31.91	-1.47	1025.66
2.1	29.74	0.68	1023.83	10.8	31.31	-1.33	1025.17	19.8	31.93	-1.46	1025.68
2.3	29.75	0.74	1023.84	11.0	31.30	-1.34	1025.16	20.3	32.01	-1.41	1025.74
2.4	29.67	0.87	1023.77	11.1	31.30	-1.34	1025.16	20.8	32.12	-1.28	1025.83
2.6	29.94	0.56	1024.00	11.3	31.32	-1.31	1025.18	21.1	32.16	-1.35	1025.86
2.8	30.08	0.43	1024.12	11.6	31.34	-1.34	1025.20	21.2	32.15	-1.32	1025.85
2.9	30.16	0.27	1024.19	11.7	31.35	-1.42	1025.21	21.3	32.17	-1.33	1025.87
3.1	30.29	0.17	1024.30	11.9	31.37	-1.50	1025.22	21.4	32.15	-1.29	1025.85
3.4	30.44	0.01	1024.43	12.1	31.40	-1.52	1025.25	21.6	32.18	-1.23	1025.87
3.9	30.59	-0.17	1024.55	12.2	31.38	-1.52	1025.23	21.7	32.14	-1.24	1025.84
4.1	30.64	-0.24	1024.60	12.4	31.38	-1.53	1025.23	21.8	32.15	-1.21	1025.85
4.3	30.75	-0.33	1024.69	12.9	31.38	-1.55	1025.23	21.9	32.15	-1.21	1025.85
4.4	30.74	-0.30	1024.68	13.1	31.40	-1.51	1025.25	22.1	32.21	-1.21	1025.90
4.7	30.81	-0.42	1024.74	13.4	31.42	-1.52	1025.27	22.7	32.31	-1.36	1025.98
4.8	30.89	-0.56	1024.81	13.5	31.43	-1.52	1025.27	22.9	32.31	-1.40	1025.98
4.9	30.97	-0.67	1024.88	13.7	31.43	-1.52	1025.27	23.2	32.32	-1.40	1025.99
5.2	30.96	-0.70	1024.87	13.8	31.46	-1.53	1025.30	23.3	32.31	-1.38	1025.98
5.4	30.96	-0.62	1024.87	13.9	31.46	-1.54	1025.30	23.4	32.29	-1.38	1025.97
5.6	31.01	-0.57	1024.91	14.0	31.48	-1.56	1025.31	23.5	32.29	-1.37	1025.97
5.8	31.00	-0.56	1024.90	14.3	31.49	-1.56	1025.32	23.6	32.29	-1.37	1025.97
5.9	31.01	-0.57	1024.91	14.4	31.51	-1.58	1025.34	23.8	32.28	-1.37	1025.96
6.2	31.04	-0.59	1024.93	14.6	31.52	-1.57	1025.35	24.0	32.30	-1.35	1025.98
6.3	31.05	-0.61	1024.94	15.2	31.54	-1.55	1025.36	24.4	32.33	-1.25	1026.00
6.4	31.07	-0.63	1024.96	15.4	31.59	-1.51	1025.40	24.5	32.34	-1.26	1026.01
6.6	31.08	-0.66	1024.97	15.5	31.59	-1.49	1025.40	25.0	32.39	-1.38	1026.05
6.8	31.14	-0.71	1025.02	15.6	31.61	-1.49	1025.42	25.1	32.40	-1.37	1026.06
6.9	31.18	-0.74	1025.05	15.8	31.59	-1.49	1025.40	25.3	32.40	-1.38	1026.06
7.0	31.19	-0.77	1025.06	16.0	31.60	-1.51	1025.41	25.4	32.38	-1.36	1026.04
7.3	31.18	-0.82	1025.05	16.4	31.64	-1.58	1025.45	25.5	32.38	-1.35	1026.04
7.4	31.19	-0.88	1025.06	16.5	31.67	-1.58	1025.47	25.6	32.38	-1.37	1026.04
7.6	31.23	-0.95	1025.10	16.9	31.68	-1.58	1025.48	25.7	32.41	-1.36	1026.06
7.9	31.22	-1.04	1025.09	17.1	31.70	-1.57	1025.49	26.0	32.47	-1.32	1026.11
8.0	31.23	-1.08	1025.10	17.2	31.69	-1.56	1025.49	26.6	32.50	-1.37	1026.14
8.1	31.24	-1.04	1025.11	17.4	31.67	-1.55	1025.47	26.7	32.50	-1.37	1026.14
8.4	31.23	-1.06	1025.10	17.5	31.67	-1.55	1025.47	26.8	32.49	-1.36	1026.13

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Table A1.17. Station 87017 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
27.0	32.51	-1.36	1026.15	32.6	32.83	-1.34	1026.41	38.4	32.97	-1.39	1026.52
27.1	32.51	-1.37	1026.15	32.8	32.83	-1.34	1026.41	38.6	32.95	-1.39	1026.50
27.2	32.52	-1.37	1026.15	33.1	32.85	-1.34	1026.42	38.7	32.96	-1.39	1026.51
27.6	32.58	-1.40	1026.20	33.6	32.89	-1.36	1026.45	38.8	32.96	-1.39	1026.51
27.9	32.64	-1.41	1026.25	33.8	32.87	-1.36	1026.44	39.1	32.97	-1.39	1026.52
28.0	32.66	-1.41	1026.27	33.9	32.87	-1.36	1026.44	39.6	32.98	-1.39	1026.53
28.2	32.68	-1.40	1026.29	34.0	32.88	-1.37	1026.45	39.9	32.97	-1.39	1026.52
28.5	32.70	-1.39	1026.30	34.1	32.87	-1.36	1026.44	40.1	32.98	-1.39	1026.53
28.6	32.69	-1.39	1026.29	34.3	32.89	-1.36	1026.45	40.2	32.97	-1.39	1026.52
28.7	32.72	-1.39	1026.32	34.4	32.89	-1.37	1026.45	40.3	32.97	-1.39	1026.52
29.1	32.72	-1.39	1026.32	34.5	32.88	-1.37	1026.45	40.4	32.97	-1.39	1026.52
29.3	32.72	-1.37	1026.32	34.6	32.89	-1.38	1026.45	40.5	32.98	-1.39	1026.53
29.6	32.73	-1.33	1026.32	35.0	32.90	-1.37	1026.46	40.7	32.97	-1.39	1026.52
29.7	32.73	-1.30	1026.32	35.1	32.89	-1.37	1026.45	40.9	32.98	-1.39	1026.53
29.9	32.71	-1.26	1026.31	35.2	32.90	-1.37	1026.46	41.0	32.99	-1.40	1026.54
30.1	32.73	-1.26	1026.32	35.4	32.88	-1.37	1026.45	41.3	32.98	-1.39	1026.53
30.2	32.74	-1.27	1026.33	35.5	32.91	-1.37	1026.47	41.4	32.97	-1.39	1026.52
30.4	32.76	-1.24	1026.35	36.0	32.90	-1.37	1026.46	41.6	32.98	-1.39	1026.53
30.6	32.74	-1.23	1026.33	36.3	32.91	-1.38	1026.47	42.0	32.96	-1.39	1026.51
30.7	32.75	-1.22	1026.34	36.7	32.94	-1.38	1026.50	42.1	32.98	-1.40	1026.53
31.1	32.77	-1.20	1026.35	36.9	32.93	-1.39	1026.49	42.3	32.97	-1.40	1026.52
31.2	32.77	-1.23	1026.35	37.0	32.94	-1.38	1026.50	42.4	32.96	-1.39	1026.51
31.4	32.80	-1.33	1026.38	37.1	32.93	-1.39	1026.49	42.5	32.98	-1.40	1026.53
31.5	32.79	-1.35	1026.37	37.2	32.92	-1.38	1026.48	42.6	32.96	-1.39	1026.51
31.7	32.75	-1.32	1026.34	37.6	32.94	-1.39	1026.50	42.9	32.97	-1.40	1026.52
31.8	32.77	-1.34	1026.36	37.7	32.95	-1.39	1026.50	43.0	32.99	-1.39	1026.54
32.0	32.79	-1.34	1026.37	37.8	32.95	-1.38	1026.50	43.3	32.96	-1.39	1026.51
32.2	32.78	-1.33	1026.36	38.1	32.95	-1.39	1026.50	43.5	32.97	-1.39	1026.52
32.4	32.82	-1.34	1026.40	38.2	32.95	-1.39	1026.50	43.6	32.96	-1.39	1026.51
32.5	32.81	-1.33	1026.39	38.3	32.96	-1.39	1026.51				

STATION: 87018 DATE: 20 July

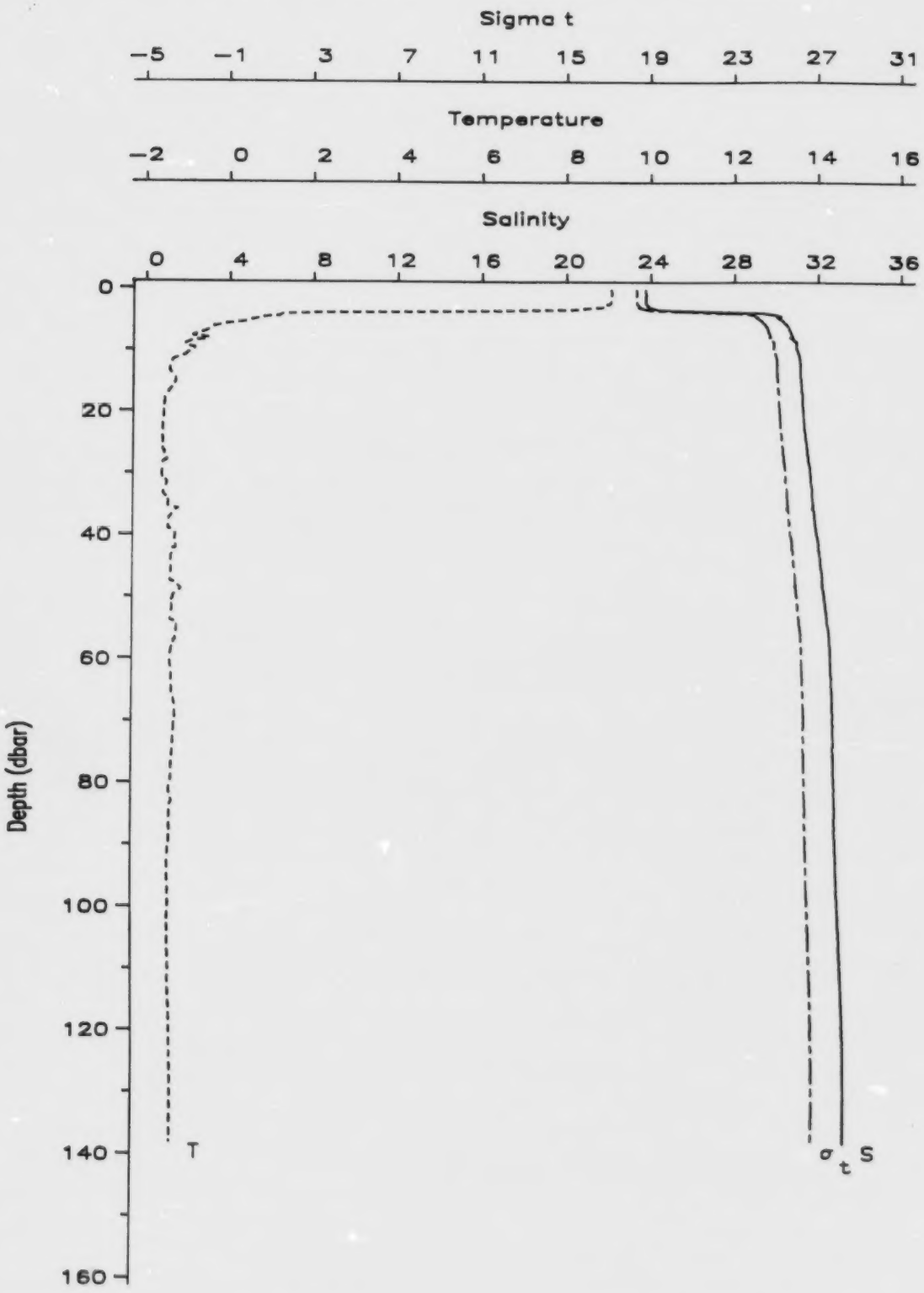

Table A1.18. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87018, July 20, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	23.76	9.06	1018.33	7.8	30.77	-0.82	1024.72	15.8	31.20	-1.34	1025.08
0.4	23.76	9.06	1018.33	7.9	30.66	-0.65	1024.63	16.2	31.22	-1.38	1025.10
0.5	23.76	9.07	1018.32	8.0	30.73	-0.55	1024.68	16.4	31.22	-1.41	1025.10
0.6	23.76	9.06	1018.33	8.1	30.82	-0.51	1024.75	16.5	31.22	-1.43	1025.10
0.8	23.77	9.07	1018.33	8.3	30.83	-0.52	1024.76	16.7	31.22	-1.44	1025.10
0.9	23.77	9.07	1018.33	8.4	30.84	-0.54	1024.77	16.8	31.23	-1.47	1025.11
1.0	23.76	9.06	1018.33	8.5	30.96	-0.86	1024.88	16.9	31.24	-1.46	1025.12
1.1	23.77	9.06	1018.33	8.8	30.96	-0.99	1024.88	17.0	31.26	-1.51	1025.14
1.3	23.76	9.06	1018.33	9.1	30.95	-1.07	1024.87	17.3	31.25	-1.54	1025.13
1.4	23.76	9.06	1018.33	9.4	30.96	-1.07	1024.88	17.5	31.26	-1.54	1025.14
1.5	23.75	9.06	1018.32	9.5	30.95	-0.97	1024.87	17.6	31.25	-1.54	1025.13
1.6	23.76	9.05	1018.33	9.6	30.94	-0.85	1024.86	17.8	31.24	-1.54	1025.12
1.7	23.76	9.05	1018.33	9.8	30.93	-0.84	1024.85	17.9	31.26	-1.55	1025.14
1.9	23.77	9.05	1018.33	9.9	31.00	-0.86	1024.91	18.0	31.25	-1.56	1025.13
2.0	23.77	9.06	1018.33	10.1	31.03	-0.92	1024.93	18.1	31.25	-1.56	1025.13
2.2	23.78	9.04	1018.34	10.3	31.02	-0.95	1024.93	18.2	31.27	-1.55	1025.14
2.5	23.78	9.02	1018.35	10.5	31.07	-1.01	1024.97	18.4	31.26	-1.55	1025.14
2.7	23.86	8.90	1018.42	10.6	31.06	-1.03	1024.96	18.6	31.27	-1.56	1025.14
2.8	23.87	8.87	1018.44	10.7	31.08	-1.04	1024.98	18.8	31.27	-1.57	1025.14
3.0	23.87	8.89	1018.43	10.9	31.11	-1.07	1025.00	18.9	31.27	-1.57	1025.14
3.1	23.97	8.75	1018.53	11.0	31.09	-1.12	1024.99	19.1	31.28	-1.57	1025.15
3.5	24.48	8.12	1019.01	11.2	31.11	-1.21	1025.01	19.3	31.29	-1.57	1025.16
3.8	27.19	4.96	1021.49	11.5	31.13	-1.32	1025.03	19.4	31.29	-1.58	1025.16
4.0	29.41	2.06	1023.49	11.7	31.13	-1.37	1025.03	19.5	31.29	-1.57	1025.16
4.1	29.66	1.66	1023.72	11.8	31.14	-1.38	1025.03	19.6	31.29	-1.58	1025.16
4.2	29.84	1.25	1023.88	12.0	31.13	-1.40	1025.03	19.9	31.29	-1.58	1025.16
4.3	30.03	1.21	1024.04	12.1	31.15	-1.40	1025.04	20.1	31.29	-1.58	1025.16
4.5	30.21	1.17	1024.19	12.2	31.14	-1.40	1025.04	20.2	31.31	-1.58	1025.18
4.6	30.01	0.91	1024.04	12.3	31.13	-1.42	1025.03	20.5	31.31	-1.58	1025.18
4.8	30.12	0.73	1024.14	12.6	31.14	-1.43	1025.04	20.6	31.31	-1.58	1025.18
5.1	30.24	0.54	1024.24	13.0	31.14	-1.44	1025.04	20.7	31.31	-1.58	1025.18
5.2	30.32	0.46	1024.31	13.2	31.15	-1.43	1025.04	20.8	31.32	-1.58	1025.19
5.3	30.33	0.41	1024.32	13.3	31.15	-1.43	1025.04	21.1	31.32	-1.59	1025.19
5.6	30.40	0.18	1024.39	13.6	31.15	-1.42	1025.04	21.3	31.33	-1.60	1025.19
5.7	30.48	0.05	1024.46	13.7	31.15	-1.41	1025.04	21.5	31.34	-1.60	1025.20
5.8	30.48	-0.07	1024.46	13.9	31.15	-1.34	1025.04	21.6	31.33	-1.60	1025.19
6.0	30.51	-0.23	1024.49	14.3	31.16	-1.30	1025.05	21.7	31.33	-1.60	1025.19
6.2	30.58	-0.37	1024.55	14.7	31.19	-1.29	1025.07	21.8	31.35	-1.60	1025.21
6.3	30.61	-0.43	1024.58	14.8	31.19	-1.29	1025.07	22.1	31.35	-1.60	1025.21
6.6	30.61	-0.49	1024.58	14.9	31.19	-1.29	1025.07	22.3	31.35	-1.60	1025.21
6.7	30.66	-0.52	1024.62	15.0	31.19	-1.29	1025.07	22.5	31.34	-1.60	1025.20
6.8	30.62	-0.52	1024.59	15.2	31.19	-1.30	1025.07	22.6	31.36	-1.60	1025.22
6.9	30.66	-0.56	1024.62	15.3	31.20	-1.30	1025.08	22.7	31.35	-1.60	1025.21
7.2	30.70	-0.66	1024.66	15.4	31.21	-1.32	1025.09	22.8	31.35	-1.60	1025.21
7.4	30.73	-0.78	1024.69	15.6	31.21	-1.31	1025.09	22.9	31.37	-1.60	1025.23
7.7	30.76	-0.89	1024.71	15.7	31.21	-1.32	1025.09	23.1	31.38	-1.59	1025.23

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Table A1.18. Station 87018 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
23.4	31.40	-1.59	1025.25	30.6	31.67	-1.60	1025.47	38.7	31.91	-1.46	1025.66
23.8	31.41	-1.60	1025.26	30.8	31.65	-1.61	1025.45	38.8	31.93	-1.47	1025.68
23.9	31.41	-1.60	1025.26	31.1	31.65	-1.54	1025.45	39.0	31.93	-1.46	1025.68
24.0	31.42	-1.60	1025.27	31.5	31.69	-1.48	1025.48	39.1	31.94	-1.44	1025.69
24.2	31.42	-1.60	1025.27	31.6	31.70	-1.49	1025.49	39.2	31.93	-1.39	1025.68
24.3	31.42	-1.60	1025.27	31.7	31.70	-1.49	1025.49	39.3	31.94	-1.35	1025.68
24.4	31.42	-1.60	1025.27	31.8	31.71	-1.50	1025.50	39.6	31.95	-1.31	1025.69
24.5	31.43	-1.60	1025.27	31.9	31.69	-1.49	1025.48	39.8	31.95	-1.28	1025.69
24.7	31.43	-1.60	1025.27	32.3	31.73	-1.54	1025.52	40.0	31.98	-1.27	1025.71
24.9	31.45	-1.59	1025.29	32.4	31.73	-1.55	1025.52	40.1	32.00	-1.29	1025.73
25.0	31.46	-1.60	1025.30	32.7	31.74	-1.56	1025.53	40.2	32.02	-1.30	1025.75
25.2	31.45	-1.60	1025.29	32.9	31.72	-1.57	1025.51	40.3	32.01	-1.30	1025.74
25.3	31.47	-1.60	1025.31	33.0	31.72	-1.57	1025.51	40.6	32.02	-1.30	1025.75
25.4	31.47	-1.61	1025.31	33.2	31.73	-1.58	1025.52	40.7	32.03	-1.30	1025.76
25.5	31.47	-1.61	1025.31	33.4	31.73	-1.58	1025.52	40.8	32.03	-1.30	1025.76
25.7	31.48	-1.60	1025.32	33.5	31.72	-1.56	1025.51	40.9	32.02	-1.30	1025.75
25.8	31.48	-1.60	1025.32	33.9	31.75	-1.51	1025.53	41.1	32.04	-1.31	1025.76
25.9	31.48	-1.60	1025.32	34.0	31.76	-1.54	1025.54	41.3	32.07	-1.30	1025.79
26.0	31.50	-1.59	1025.33	34.2	31.76	-1.53	1025.54	41.4	32.05	-1.30	1025.77
26.3	31.49	-1.58	1025.32	34.3	31.76	-1.51	1025.54	41.6	32.03	-1.28	1025.75
26.4	31.50	-1.57	1025.33	34.4	31.76	-1.47	1025.54	41.7	32.05	-1.26	1025.77
26.5	31.49	-1.55	1025.32	34.5	31.77	-1.45	1025.55	42.0	32.06	-1.27	1025.78
26.6	31.49	-1.55	1025.32	34.7	31.78	-1.45	1025.56	42.2	32.05	-1.27	1025.77
26.8	31.49	-1.55	1025.32	34.8	31.78	-1.45	1025.56	42.3	32.08	-1.36	1025.80
26.9	31.52	-1.56	1025.35	34.9	31.79	-1.46	1025.56	42.4	32.12	-1.37	1025.83
27.0	31.54	-1.56	1025.36	35.1	31.80	-1.47	1025.57	42.5	32.08	-1.34	1025.80
27.2	31.55	-1.55	1025.37	35.3	31.80	-1.47	1025.57	42.7	32.08	-1.33	1025.80
27.5	31.54	-1.53	1025.36	35.4	31.79	-1.45	1025.56	43.0	32.11	-1.36	1025.82
27.8	31.52	-1.48	1025.35	35.5	31.73	-1.37	1025.51	43.2	32.12	-1.37	1025.83
27.9	31.54	-1.49	1025.36	35.6	31.74	-1.34	1025.52	43.3	32.11	-1.37	1025.82
28.0	31.57	-1.52	1025.39	35.8	31.81	-1.21	1025.57	43.5	32.14	-1.39	1025.85
28.1	31.58	-1.55	1025.40	36.1	31.85	-1.30	1025.61	43.7	32.14	-1.39	1025.85
28.4	31.59	-1.60	1025.40	36.4	31.85	-1.33	1025.61	43.9	32.14	-1.39	1025.85
28.7	31.61	-1.60	1025.42	36.7	31.85	-1.38	1025.61	44.0	32.14	-1.39	1025.85
28.9	31.62	-1.60	1025.43	36.9	31.86	-1.38	1025.62	44.3	32.14	-1.39	1025.85
29.0	31.62	-1.60	1025.43	37.0	31.86	-1.39	1025.62	44.4	32.15	-1.39	1025.85
29.1	31.62	-1.60	1025.43	37.3	31.86	-1.44	1025.62	44.5	32.14	-1.39	1025.85
29.2	31.62	-1.60	1025.43	37.5	31.87	-1.45	1025.63	44.8	32.17	-1.39	1025.87
29.5	31.62	-1.60	1025.43	37.6	31.88	-1.45	1025.64	44.9	32.18	-1.38	1025.88
29.6	31.63	-1.61	1025.44	37.7	31.87	-1.45	1025.63	45.3	32.19	-1.38	1025.89
29.7	31.64	-1.61	1025.45	37.9	31.88	-1.46	1025.64	45.4	32.21	-1.38	1025.90
30.0	31.64	-1.62	1025.45	38.0	31.88	-1.46	1025.64	45.6	32.22	-1.38	1025.91
30.1	31.65	-1.62	1025.45	38.2	31.88	-1.46	1025.64	45.7	32.22	-1.39	1025.91
30.2	31.64	-1.61	1025.45	38.4	31.90	-1.46	1025.65	45.9	32.22	-1.38	1025.91
30.3	31.66	-1.61	1025.46	38.5	31.90	-1.46	1025.65	46.1	32.23	-1.38	1025.92
30.5	31.65	-1.60	1025.45	38.6	31.90	-1.46	1025.65	46.4	32.24	-1.39	1025.93

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Table A1.18. Station 87018 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
46.7	32.25	-1.39	1025.94	54.0	32.48	-1.32	1026.12	61.7	32.66	-1.37	1026.27
46.9	32.26	-1.39	1025.94	54.3	32.50	-1.22	1026.13	61.8	32.66	-1.37	1026.27
47.0	32.25	-1.39	1025.94	54.5	32.51	-1.22	1026.14	61.9	32.67	-1.36	1026.28
47.2	32.25	-1.40	1025.94	54.6	32.54	-1.25	1026.17	62.0	32.66	-1.36	1026.27
47.4	32.25	-1.40	1025.94	54.9	32.54	-1.25	1026.17	62.3	32.67	-1.36	1026.28
47.5	32.26	-1.39	1025.94	55.0	32.54	-1.25	1026.17	62.4	32.67	-1.36	1026.28
47.6	32.26	-1.35	1025.94	55.1	32.55	-1.25	1026.18	62.6	32.69	-1.36	1026.29
47.7	32.27	-1.30	1025.95	55.3	32.55	-1.25	1026.18	62.8	32.68	-1.36	1026.28
47.8	32.28	-1.31	1025.96	55.4	32.55	-1.26	1026.18	62.9	32.69	-1.36	1026.29
48.0	32.26	-1.28	1025.94	55.7	32.58	-1.26	1026.20	63.0	32.70	-1.36	1026.30
48.1	32.22	-1.23	1025.91	55.9	32.58	-1.26	1026.20	63.1	32.69	-1.36	1026.29
48.3	32.27	-1.20	1025.95	56.0	32.58	-1.26	1026.20	63.5	32.69	-1.37	1026.29
48.7	32.30	-1.14	1025.97	56.2	32.58	-1.27	1026.20	63.7	32.70	-1.36	1026.30
49.0	32.30	-1.18	1025.97	56.5	32.58	-1.27	1026.20	64.0	32.70	-1.36	1026.30
49.1	32.31	-1.20	1025.98	56.6	32.59	-1.28	1026.21	64.1	32.70	-1.36	1026.30
49.2	32.32	-1.20	1025.99	56.7	32.58	-1.27	1026.20	64.4	32.70	-1.36	1026.30
49.3	32.32	-1.21	1025.99	57.0	32.58	-1.28	1026.20	64.6	32.71	-1.35	1026.31
49.5	32.34	-1.24	1026.00	57.1	32.60	-1.32	1026.22	64.7	32.71	-1.35	1026.31
49.6	32.36	-1.26	1026.02	57.2	32.60	-1.32	1026.22	65.0	32.71	-1.36	1026.31
49.7	32.34	-1.32	1026.01	57.5	32.61	-1.32	1026.23	65.1	32.72	-1.36	1026.32
49.8	32.33	-1.33	1026.00	57.6	32.60	-1.32	1026.22	65.2	32.72	-1.36	1026.32
50.1	32.34	-1.35	1026.01	57.7	32.61	-1.33	1026.23	65.4	32.72	-1.36	1026.32
50.2	32.34	-1.34	1026.01	57.8	32.62	-1.36	1026.24	65.5	32.74	-1.35	1026.33
50.3	32.36	-1.34	1026.02	58.0	32.62	-1.35	1026.24	65.8	32.72	-1.33	1026.32
50.4	32.36	-1.35	1026.02	58.1	32.62	-1.35	1026.24	66.2	32.74	-1.31	1026.33
50.6	32.37	-1.38	1026.03	58.3	32.62	-1.37	1026.24	66.6	32.75	-1.30	1026.34
50.7	32.37	-1.36	1026.03	58.7	32.62	-1.38	1026.24	66.8	32.74	-1.30	1026.33
50.8	32.37	-1.35	1026.03	58.8	32.63	-1.38	1026.24	66.9	32.75	-1.29	1026.34
50.9	32.37	-1.36	1026.03	58.9	32.62	-1.38	1026.24	67.1	32.74	-1.30	1026.33
51.0	32.39	-1.39	1026.05	59.2	32.62	-1.39	1026.24	67.2	32.74	-1.28	1026.33
51.3	32.40	-1.36	1026.06	59.3	32.64	-1.40	1026.25	67.5	32.75	-1.28	1026.34
51.4	32.40	-1.35	1026.06	59.4	32.64	-1.40	1026.25	67.8	32.76	-1.27	1026.35
51.5	32.41	-1.35	1026.06	59.6	32.64	-1.40	1026.25	68.2	32.75	-1.27	1026.34
51.7	32.40	-1.36	1026.06	59.7	32.62	-1.40	1026.24	68.6	32.75	-1.27	1026.34
51.9	32.42	-1.36	1026.07	59.8	32.64	-1.40	1026.25	68.9	32.78	-1.27	1026.36
52.3	32.44	-1.36	1026.09	59.9	32.64	-1.40	1026.25	69.2	32.78	-1.27	1026.36
52.4	32.45	-1.37	1026.10	60.0	32.64	-1.39	1026.25	69.4	32.76	-1.27	1026.35
52.5	32.46	-1.39	1026.11	60.3	32.64	-1.40	1026.25	69.5	32.76	-1.27	1026.35
52.7	32.46	-1.39	1026.11	60.4	32.65	-1.40	1026.26	69.7	32.76	-1.28	1026.35
52.8	32.46	-1.39	1026.11	60.5	32.64	-1.40	1026.25	69.9	32.76	-1.27	1026.35
53.2	32.46	-1.40	1026.11	60.7	32.65	-1.40	1026.26	70.1	32.77	-1.28	1026.35
53.3	32.48	-1.40	1026.12	60.8	32.64	-1.39	1026.25	70.4	32.76	-1.28	1026.35
53.4	32.46	-1.40	1026.11	60.9	32.66	-1.39	1026.27	70.5	32.79	-1.30	1026.37
53.6	32.47	-1.40	1026.11	61.2	32.65	-1.38	1026.26	70.9	32.76	-1.30	1026.35
53.8	32.47	-1.39	1026.11	61.4	32.66	-1.37	1026.27	71.3	32.78	-1.30	1026.36
53.9	32.48	-1.35	1026.12	61.5	32.66	-1.37	1026.27	71.5	32.77	-1.30	1026.36

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Table A1.18. Station 87018 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
71.9	32.77	-1.32	1026.36	82.6	32.85	-1.36	1026.42	92.1	32.92	-1.44	1026.48
72.1	32.78	-1.32	1026.36	82.7	32.83	-1.35	1026.41	92.6	32.91	-1.44	1026.47
72.3	32.78	-1.31	1026.36	82.9	32.83	-1.34	1026.41	92.7	32.93	-1.44	1026.49
72.6	32.78	-1.31	1026.36	83.1	32.84	-1.34	1026.41	92.8	32.93	-1.44	1026.49
72.7	32.78	-1.31	1026.36	83.4	32.85	-1.36	1026.42	93.0	32.92	-1.44	1026.48
72.9	32.79	-1.31	1026.37	83.5	32.85	-1.38	1026.42	93.2	32.93	-1.44	1026.49
73.3	32.79	-1.32	1026.37	83.8	32.85	-1.39	1026.42	93.6	32.93	-1.44	1026.49
73.4	32.79	-1.32	1026.37	84.0	32.87	-1.40	1026.44	93.8	32.93	-1.44	1026.49
73.6	32.79	-1.32	1026.37	84.2	32.87	-1.40	1026.44	94.2	32.94	-1.44	1026.50
74.0	32.79	-1.32	1026.37	84.5	32.85	-1.40	1026.42	94.6	32.93	-1.44	1026.49
74.2	32.74	-1.33	1026.33	84.7	32.86	-1.39	1026.43	94.7	32.95	-1.44	1026.51
74.6	32.74	-1.33	1026.33	84.8	32.85	-1.40	1026.42	94.8	32.94	-1.44	1026.50
74.7	32.74	-1.33	1026.33	84.9	32.85	-1.40	1026.42	94.9	32.94	-1.44	1026.50
75.0	32.79	-1.33	1026.37	85.1	32.85	-1.40	1026.42	95.1	32.93	-1.44	1026.49
75.2	32.80	-1.33	1026.38	85.2	32.84	-1.39	1026.41	95.2	32.95	-1.44	1026.51
75.3	32.79	-1.34	1026.37	85.3	32.86	-1.39	1026.43	95.6	32.94	-1.44	1026.50
75.5	32.79	-1.34	1026.37	85.6	32.84	-1.40	1026.41	95.8	32.96	-1.44	1026.51
75.6	32.74	-1.34	1026.33	85.7	32.84	-1.40	1026.41	96.0	32.93	-1.42	1026.49
75.8	32.79	-1.34	1026.37	85.9	32.84	-1.40	1026.41	96.4	32.96	-1.42	1026.51
76.1	32.79	-1.34	1026.37	86.1	32.84	-1.39	1026.41	96.7	32.96	-1.42	1026.51
76.2	32.79	-1.35	1026.37	86.4	32.85	-1.40	1026.42	97.1	32.96	-1.42	1026.51
76.5	32.79	-1.35	1026.37	86.6	32.84	-1.39	1026.41	97.3	32.97	-1.43	1026.52
76.6	32.79	-1.34	1026.37	86.7	32.84	-1.40	1026.41	97.4	32.97	-1.43	1026.52
76.8	32.80	-1.35	1026.38	86.8	32.85	-1.39	1026.42	97.5	32.97	-1.43	1026.52
76.9	32.80	-1.35	1026.38	87.0	32.85	-1.40	1026.42	97.7	32.96	-1.43	1026.51
77.1	32.80	-1.35	1026.38	87.2	32.87	-1.40	1026.44	97.8	32.97	-1.43	1026.52
77.2	32.79	-1.35	1026.37	87.5	32.85	-1.39	1026.42	98.3	32.98	-1.43	1026.53
77.4	32.79	-1.36	1026.37	87.8	32.85	-1.39	1026.42	98.5	32.98	-1.42	1026.53
78.0	32.80	-1.34	1026.38	88.1	32.84	-1.37	1026.41	98.6	33.00	-1.42	1026.55
78.4	32.80	-1.34	1026.38	88.3	32.87	-1.39	1026.44	98.9	33.00	-1.42	1026.55
78.8	32.80	-1.35	1026.38	88.7	32.88	-1.40	1026.45	99.0	33.00	-1.42	1026.55
79.1	32.81	-1.36	1026.39	88.9	32.88	-1.40	1026.45	99.1	33.00	-1.42	1026.55
79.2	32.81	-1.35	1026.39	89.0	32.89	-1.40	1026.46	99.3	32.99	-1.42	1026.54
79.3	32.81	-1.36	1026.39	89.2	32.89	-1.40	1026.46	99.5	33.00	-1.41	1026.55
79.4	32.81	-1.36	1026.39	89.4	32.88	-1.40	1026.45	99.6	33.00	-1.41	1026.55
79.5	32.81	-1.35	1026.39	89.8	32.89	-1.40	1026.46	99.9	33.00	-1.42	1026.55
79.8	32.82	-1.37	1026.40	89.9	32.90	-1.42	1026.46	100.0	33.00	-1.42	1026.55
80.2	32.83	-1.38	1026.41	90.4	32.90	-1.43	1026.46	100.1	33.00	-1.42	1026.55
80.5	32.82	-1.40	1026.40	90.9	32.89	-1.43	1026.46	100.3	33.00	-1.42	1026.55
81.0	32.85	-1.41	1026.42	91.0	32.89	-1.43	1026.46	100.5	33.00	-1.42	1026.55
81.3	32.82	-1.41	1026.40	91.1	32.90	-1.43	1026.46	100.9	33.03	-1.43	1026.57
81.5	32.83	-1.40	1026.41	91.3	32.91	-1.43	1026.47	101.0	33.03	-1.44	1026.57
81.6	32.83	-1.40	1026.41	91.4	32.90	-1.43	1026.46	101.2	33.02	-1.43	1026.56
81.7	32.83	-1.40	1026.41	91.5	32.91	-1.43	1026.47	101.5	33.03	-1.44	1026.57
82.1	32.83	-1.37	1026.41	91.6	32.92	-1.44	1026.48	101.6	33.03	-1.44	1026.57
82.4	32.84	-1.35	1026.41	91.9	32.91	-1.44	1026.47	101.7	33.01	-1.44	1026.55

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Table A1.18. Station 87018 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
101.8	33.04	-1.45	1026.58	111.3	33.15	-1.42	1026.67	119.8	33.24	-1.39	1026.74
102.0	33.02	-1.44	1026.56	111.5	33.15	-1.43	1026.67	120.0	33.24	-1.38	1026.74
102.1	33.03	-1.44	1026.57	111.7	33.16	-1.43	1026.68	120.1	33.24	-1.38	1026.74
102.2	33.02	-1.45	1026.56	111.8	33.17	-1.43	1026.68	120.2	33.24	-1.39	1026.74
102.3	33.03	-1.44	1026.57	111.9	33.18	-1.43	1026.69	120.3	33.24	-1.39	1026.74
102.6	33.05	-1.45	1026.59	112.1	33.16	-1.43	1026.68	120.5	33.24	-1.38	1026.74
102.9	33.04	-1.44	1026.58	112.2	33.18	-1.43	1026.69	120.7	33.24	-1.39	1026.74
103.2	33.05	-1.44	1026.59	112.5	33.18	-1.43	1026.69	120.9	33.27	-1.39	1026.76
103.3	33.05	-1.44	1026.59	112.9	33.18	-1.42	1026.69	121.1	33.24	-1.38	1026.74
103.5	33.05	-1.44	1026.59	113.2	33.19	-1.42	1026.70	121.5	33.28	-1.38	1026.77
103.6	33.06	-1.44	1026.59	113.3	33.19	-1.42	1026.70	121.6	33.27	-1.38	1026.76
103.8	33.06	-1.44	1026.59	113.4	33.19	-1.42	1026.70	121.7	33.27	-1.38	1026.76
104.1	33.08	-1.44	1026.61	113.6	33.19	-1.42	1026.70	121.8	33.27	-1.38	1026.76
104.4	33.07	-1.44	1026.60	113.7	33.18	-1.42	1026.69	122.1	33.27	-1.38	1026.76
104.7	33.08	-1.44	1026.61	113.9	33.20	-1.42	1026.71	122.4	33.27	-1.38	1026.76
104.9	33.07	-1.44	1026.60	114.2	33.19	-1.41	1026.70	122.7	33.26	-1.38	1026.76
105.0	33.07	-1.44	1026.60	114.3	33.19	-1.41	1026.70	122.8	33.28	-1.38	1026.77
105.2	33.07	-1.43	1026.60	114.4	33.20	-1.41	1026.71	122.9	33.26	-1.38	1026.76
105.4	33.09	-1.44	1026.62	114.5	33.18	-1.40	1026.69	123.0	33.28	-1.38	1026.77
105.8	33.08	-1.44	1026.61	114.7	33.19	-1.40	1026.70	123.3	33.26	-1.38	1026.76
106.1	33.09	-1.44	1026.62	114.8	33.19	-1.40	1026.70	123.4	33.27	-1.38	1026.76
106.3	33.09	-1.44	1026.62	115.1	33.20	-1.41	1026.71	123.8	33.28	-1.37	1026.77
106.7	33.09	-1.43	1026.62	115.3	33.21	-1.41	1026.72	123.9	33.28	-1.38	1026.77
106.8	33.09	-1.43	1026.62	115.5	33.20	-1.40	1026.71	124.1	33.26	-1.37	1026.75
106.9	33.08	-1.43	1026.61	115.7	33.21	-1.40	1026.72	124.2	33.28	-1.38	1026.77
107.0	33.09	-1.43	1026.62	115.8	33.21	-1.40	1026.72	124.3	33.28	-1.37	1026.77
107.2	33.09	-1.43	1026.62	115.9	33.22	-1.40	1026.72	124.4	33.27	-1.38	1026.76
107.4	33.10	-1.43	1026.63	116.2	33.22	-1.40	1026.72	124.5	33.28	-1.37	1026.77
107.5	33.11	-1.43	1026.63	116.3	33.22	-1.39	1026.72	124.7	33.29	-1.37	1026.78
108.0	33.12	-1.42	1026.64	116.5	33.22	-1.39	1026.72	124.9	33.29	-1.37	1026.78
108.1	33.12	-1.42	1026.64	116.9	33.23	-1.39	1026.73	125.3	33.26	-1.38	1026.76
108.4	33.12	-1.42	1026.64	117.0	33.23	-1.39	1026.73	125.4	33.27	-1.37	1026.76
108.5	33.13	-1.42	1026.65	117.1	33.23	-1.39	1026.73	125.5	33.27	-1.37	1026.76
108.6	33.13	-1.42	1026.65	117.4	33.23	-1.40	1026.73	125.6	33.28	-1.37	1026.77
108.9	33.11	-1.42	1026.63	117.6	33.23	-1.39	1026.73	125.8	33.26	-1.37	1026.75
109.0	33.13	-1.42	1026.65	118.0	33.23	-1.39	1026.73	125.9	33.28	-1.37	1026.77
109.3	33.13	-1.42	1026.65	118.1	33.24	-1.40	1026.74	126.1	33.28	-1.37	1026.77
109.5	33.14	-1.42	1026.66	118.3	33.24	-1.39	1026.74	126.3	33.28	-1.37	1026.77
109.7	33.14	-1.42	1026.66	118.4	33.25	-1.39	1026.75	126.5	33.27	-1.37	1026.76
109.9	33.14	-1.42	1026.66	118.6	33.24	-1.39	1026.74	126.7	33.28	-1.37	1026.77
110.0	33.14	-1.42	1026.66	118.9	33.24	-1.39	1026.74	126.9	33.28	-1.37	1026.77
110.1	33.14	-1.42	1026.66	119.0	33.24	-1.39	1026.74	127.3	33.28	-1.37	1026.77
110.4	33.15	-1.43	1026.67	119.2	33.24	-1.39	1026.74	127.4	33.27	-1.37	1026.76
110.7	33.16	-1.43	1026.68	119.4	33.24	-1.39	1026.74	127.5	33.28	-1.37	1026.77
111.0	33.15	-1.42	1026.67	119.6	33.23	-1.39	1026.73	127.6	33.27	-1.37	1026.76
111.1	33.14	-1.42	1026.66	119.7	33.26	-1.39	1026.76	127.7	33.28	-1.37	1026.77

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Table A1.18. Station 87018 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
128.1	33.28	-1.37	1026.77	131.7	33.30	-1.37	1026.79	134.9	33.28	-1.36	1026.77
128.4	33.26	-1.37	1026.75	131.9	33.29	-1.37	1026.78	135.3	33.29	-1.36	1026.78
128.5	33.28	-1.37	1026.77	132.1	33.30	-1.37	1026.79	135.5	33.29	-1.36	1026.78
128.7	33.29	-1.37	1026.78	132.2	33.29	-1.37	1026.78	135.7	33.29	-1.36	1026.78
128.8	33.27	-1.37	1026.76	132.3	33.30	-1.37	1026.79	135.9	33.30	-1.36	1026.79
129.0	33.27	-1.37	1026.76	132.4	33.29	-1.36	1026.78	136.0	33.29	-1.37	1026.78
129.1	33.28	-1.37	1026.77	132.5	33.29	-1.36	1026.78	136.3	33.29	-1.36	1026.78
129.2	33.29	-1.37	1026.78	132.7	33.29	-1.36	1026.78	136.4	33.28	-1.37	1026.77
129.6	33.28	-1.37	1026.77	132.8	33.28	-1.37	1026.77	136.7	33.28	-1.37	1026.77
129.8	33.28	-1.37	1026.77	132.9	33.29	-1.37	1026.78	136.9	33.28	-1.36	1026.77
130.2	33.28	-1.36	1026.77	133.2	33.29	-1.36	1026.78	137.0	33.29	-1.37	1026.78
130.3	33.28	-1.37	1026.77	133.3	33.28	-1.37	1026.77	137.1	33.29	-1.37	1026.78
130.5	33.29	-1.37	1026.78	133.7	33.29	-1.37	1026.78	137.2	33.28	-1.36	1026.77
130.6	33.29	-1.36	1026.78	133.8	33.29	-1.37	1026.78	137.5	33.29	-1.37	1026.78
130.8	33.29	-1.36	1026.78	133.9	33.29	-1.36	1026.78	137.6	33.29	-1.36	1026.78
131.1	33.30	-1.37	1026.79	134.3	33.29	-1.36	1026.78	137.7	33.28	-1.36	1026.77
131.2	33.29	-1.37	1026.78	134.4	33.29	-1.36	1026.78	137.8	33.29	-1.36	1026.78
131.3	33.30	-1.37	1026.79	134.5	33.29	-1.37	1026.78	138.0	33.29	-1.37	1026.78
131.4	33.30	-1.37	1026.79	134.6	33.29	-1.37	1026.78	138.1	33.29	-1.37	1026.78
131.6	33.30	-1.37	1026.79	134.8	33.29	-1.37	1026.78				

STATION: 87020 DATE: 22 July

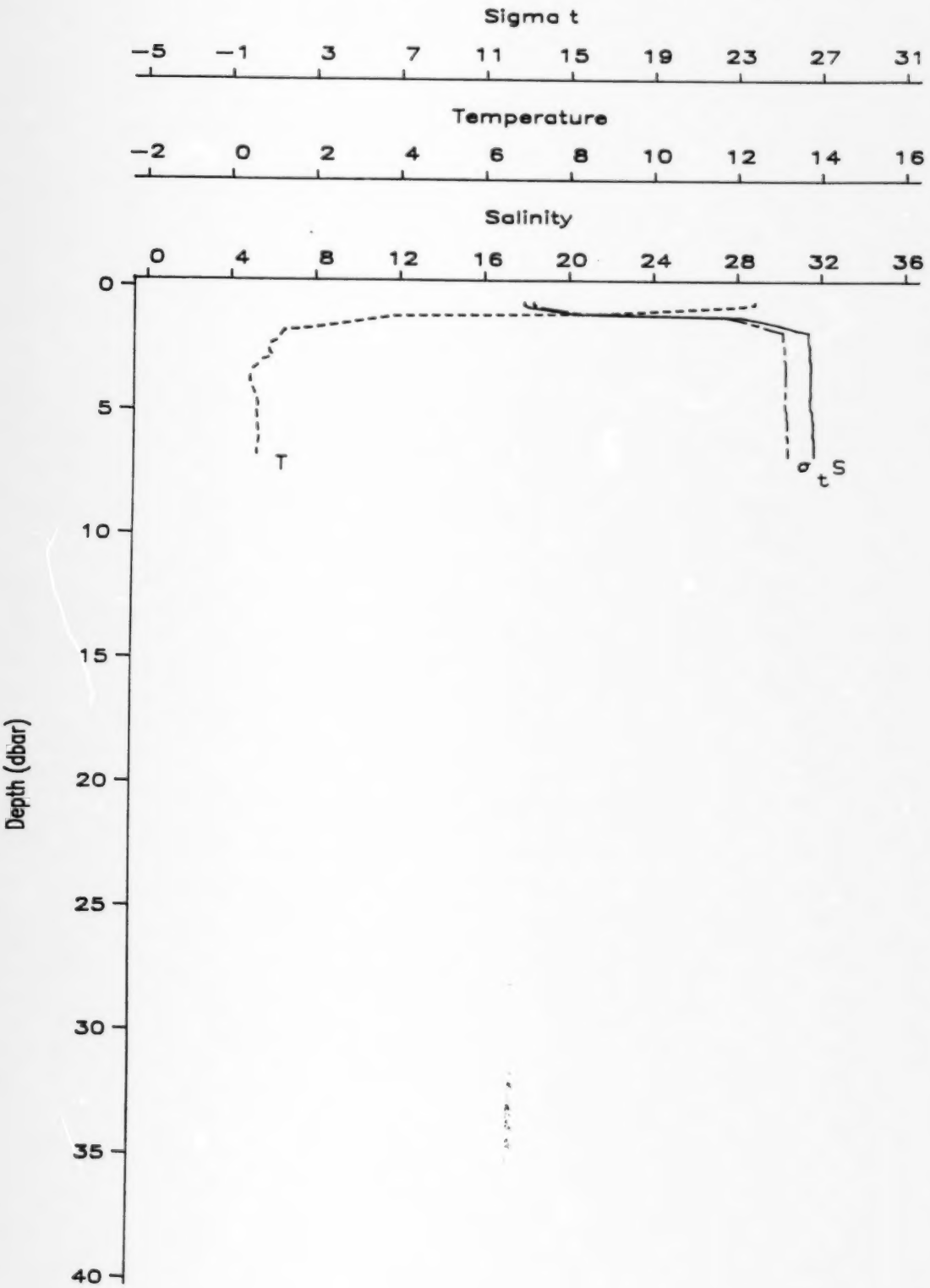

Table A1.19. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87020, July 22, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	17.89	12.41	1013.28	2.8	31.48	0.97	1025.22	5.4	31.65	0.61	1025.37
0.7	17.85	12.41	1013.25	2.9	31.46	0.88	1025.21	5.6	31.64	0.62	1025.36
0.8	18.04	11.96	1013.46	3.0	31.53	0.71	1025.27	5.8	31.64	0.63	1025.36
1.1	20.26	8.94	1015.61	3.2	31.55	0.61	1025.29	5.9	31.62	0.64	1025.35
1.2	28.24	3.85	1022.43	3.4	31.51	0.47	1025.27	6.0	31.62	0.63	1025.35
1.5	29.99	2.67	1023.91	3.8	31.51	0.42	1025.27	6.1	31.68	0.65	1025.40
1.7	30.79	1.84	1024.61	4.3	31.53	0.54	1025.28	6.4	31.70	0.62	1025.41
1.8	31.40	1.23	1025.14	4.4	31.51	0.56	1025.26	6.5	31.68	0.61	1025.40
2.2	31.41	1.06	1025.16	4.5	31.48	0.60	1025.24	6.6	31.69	0.60	1025.41
2.3	31.45	0.94	1025.19	4.9	31.52	0.63	1025.27	6.8	31.69	0.60	1025.41
2.4	31.48	0.86	1025.22	5.0	31.60	0.59	1025.33				
2.7	31.48	0.90	1025.22	5.3	31.59	0.61	1025.33				

STATION: 87021 DATE: 22 July

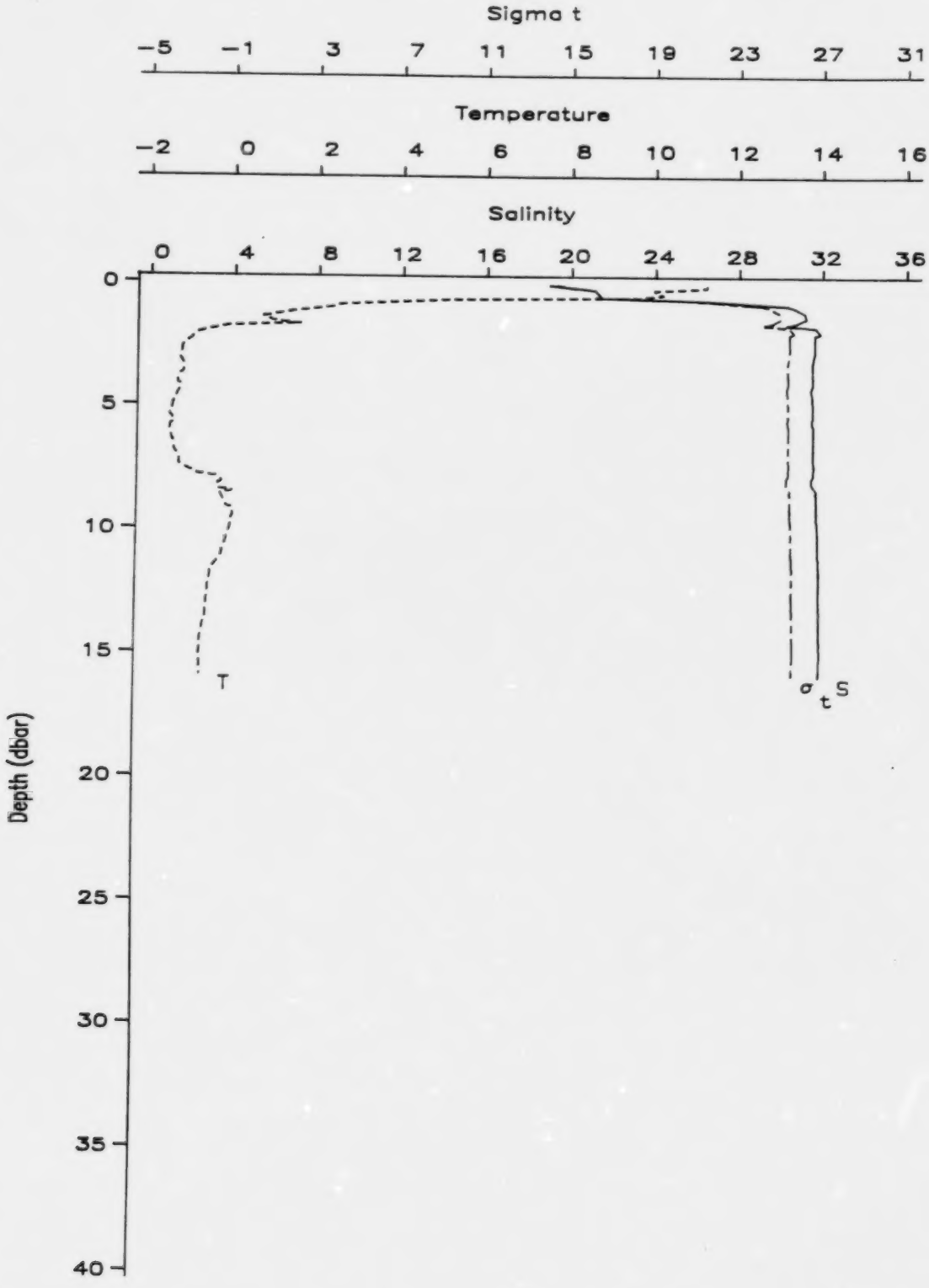

Table A1.20. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87021, July 22, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	18.97	11.23	1014.29	5.5	31.49	-1.48	1025.32	11.2	31.87	-0.36	1025.59
0.2	19.91	11.21	1015.02	5.7	31.51	-1.42	1025.34	11.3	31.86	-0.37	1025.59
0.3	21.12	9.96	1016.15	5.8	31.57	-1.52	1025.39	11.5	31.87	-0.45	1025.60
0.5	21.32	10.17	1016.27	6.0	31.55	-1.54	1025.37	11.6	31.89	-0.54	1025.62
0.6	21.21	9.65	1016.26	6.1	31.56	-1.52	1025.38	11.7	31.89	-0.54	1025.62
0.7	26.23	5.13	1020.72	6.4	31.56	-1.48	1025.38	11.8	31.87	-0.54	1025.60
0.9	30.32	2.50	1024.19	6.5	31.57	-1.44	1025.39	12.1	31.89	-0.56	1025.62
1.0	30.67	2.35	1024.48	6.8	31.55	-1.42	1025.37	12.2	31.90	-0.58	1025.63
1.2	31.13	1.34	1024.91	6.9	31.57	-1.39	1025.38	12.3	31.88	-0.59	1025.61
1.4	31.20	0.67	1025.01	7.0	31.55	-1.35	1025.37	12.4	31.89	-0.59	1025.62
1.6	30.74	0.97	1024.62	7.1	31.55	-1.30	1025.37	12.6	31.88	-0.59	1025.61
1.7	30.25	1.55	1024.20	7.4	31.61	-1.30	1025.41	12.8	31.87	-0.61	1025.60
1.8	31.67	-0.16	1025.43	7.6	31.57	-1.09	1025.38	12.9	31.89	-0.62	1025.62
2.0	31.87	-0.74	1025.61	7.8	31.56	-0.86	1025.36	13.1	31.89	-0.62	1025.62
2.1	31.62	-0.94	1025.41	7.9	31.48	-0.40	1025.28	13.2	31.89	-0.63	1025.62
2.3	31.61	-1.03	1025.41	8.1	31.48	-0.28	1025.28	13.3	31.91	-0.64	1025.64
2.6	31.63	-1.25	1025.43	8.2	31.55	-0.37	1025.34	13.4	31.91	-0.64	1025.64
2.7	31.62	-1.26	1025.42	8.4	31.73	-0.37	1025.48	13.6	31.89	-0.65	1025.62
2.8	31.60	-1.26	1025.41	8.5	31.68	-0.03	1025.43	13.8	31.92	-0.69	1025.65
3.1	31.53	-1.30	1025.35	8.6	31.74	-0.32	1025.49	14.0	31.92	-0.71	1025.65
3.2	31.49	-1.26	1025.32	8.9	31.74	-0.23	1025.48	14.3	31.92	-0.74	1025.65
3.3	31.49	-1.22	1025.32	9.1	31.74	-0.17	1025.48	14.4	31.93	-0.76	1025.66
3.4	31.50	-1.19	1025.32	9.2	31.72	0.00	1025.46	14.5	31.93	-0.77	1025.66
3.7	31.51	-1.23	1025.33	9.3	31.75	-0.02	1025.48	14.7	31.93	-0.77	1025.66
3.8	31.53	-1.34	1025.35	9.5	31.75	-0.02	1025.48	14.8	31.91	-0.75	1025.64
4.1	31.53	-1.36	1025.35	9.6	31.73	-0.05	1025.47	14.9	31.95	-0.77	1025.67
4.2	31.46	-1.26	1025.29	9.7	31.79	-0.05	1025.52	15.0	31.94	-0.78	1025.67
4.3	31.44	-1.28	1025.28	10.0	31.82	-0.09	1025.54	15.1	31.93	-0.77	1025.66
4.6	31.52	-1.37	1025.34	10.2	31.83	-0.13	1025.55	15.3	31.91	-0.77	1025.64
4.8	31.52	-1.42	1025.34	10.4	31.82	-0.17	1025.55	15.5	31.92	-0.77	1025.65
4.9	31.54	-1.46	1025.36	10.6	31.84	-0.20	1025.56	15.8	31.89	-0.77	1025.63
5.2	31.54	-1.49	1025.36	10.7	31.83	-0.23	1025.56	15.9	31.91	-0.77	1025.64
5.3	31.55	-1.52	1025.37	11.0	31.83	-0.27	1025.56				
5.4	31.56	-1.54	1025.38	11.1	31.84	-0.28	1025.57				

STATION: 87022 DATE: 22 July

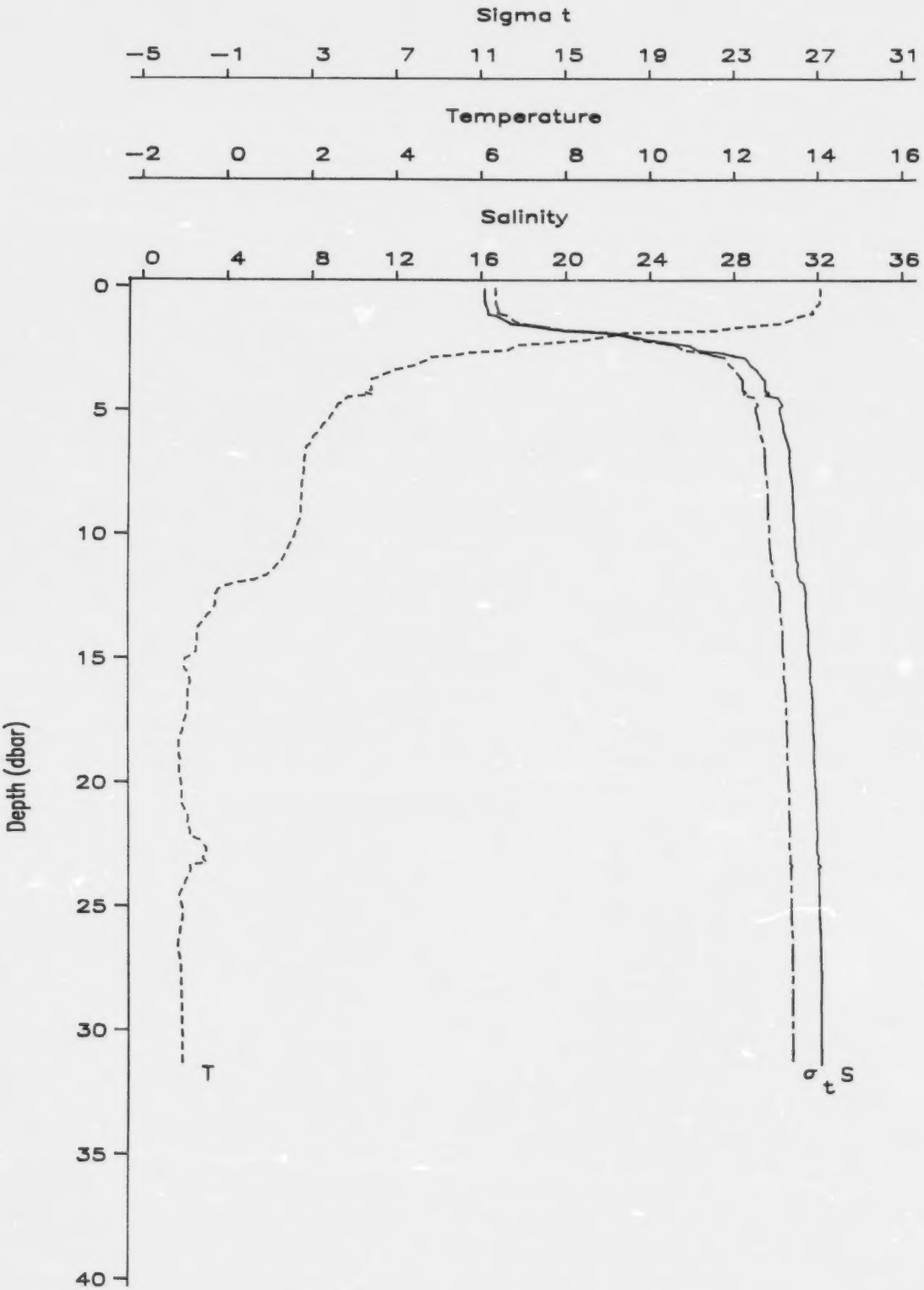

Table A1.21. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87022, July 22, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	16.16	14.06	1011.67	7.6	30.73	1.79	1024.57	15.5	31.61	-0.96	1025.41
0.2	16.16	14.07	1011.67	7.7	30.75	1.78	1024.58	15.6	31.62	-0.91	1025.41
0.3	16.16	14.07	1011.67	7.9	30.79	1.76	1024.62	15.8	31.61	-0.86	1025.40
0.4	16.17	14.07	1011.68	8.0	30.80	1.75	1024.62	16.0	31.63	-0.84	1025.42
0.6	16.17	14.05	1011.68	8.1	30.82	1.75	1024.64	16.1	31.69	-0.86	1025.47
0.7	16.19	14.04	1011.70	8.2	30.83	1.75	1024.65	16.2	31.71	-0.90	1025.48
1.0	16.33	13.87	1011.83	8.5	30.83	1.75	1024.65	16.4	31.72	-0.90	1025.49
1.1	16.30	13.90	1011.80	8.6	30.84	1.74	1024.66	16.6	31.74	-0.90	1025.51
1.2	16.76	13.61	1012.21	8.8	30.86	1.73	1024.67	16.7	31.76	-0.90	1025.52
1.5	17.38	13.17	1012.76	9.0	30.84	1.73	1024.66	17.0	31.77	-0.91	1025.53
1.7	19.14	11.89	1014.32	9.2	30.85	1.72	1024.67	17.1	31.76	-0.91	1025.53
1.8	19.91	11.58	1014.97	9.3	30.85	1.72	1024.67	17.2	31.77	-0.92	1025.53
1.9	22.31	9.39	1017.15	9.4	30.82	1.72	1024.64	17.3	31.77	-0.94	1025.53
2.2	24.10	8.42	1018.68	9.7	30.91	1.64	1024.72	17.5	31.78	-0.96	1025.54
2.3	25.05	7.64	1019.52	10.1	30.90	1.58	1024.72	17.6	31.80	-0.99	1025.56
2.4	25.89	6.84	1020.27	10.2	30.91	1.55	1024.73	18.0	31.81	-1.03	1025.57
2.6	26.29	6.63	1020.61	10.3	30.91	1.51	1024.73	18.1	31.82	-1.06	1025.58
2.7	27.52	5.68	1021.68	10.6	30.94	1.43	1024.76	18.2	31.83	-1.09	1025.59
2.8	27.95	5.39	1022.05	10.8	30.96	1.37	1024.78	18.3	31.82	-1.10	1025.58
2.9	28.53	4.71	1022.58	11.1	30.99	1.29	1024.81	18.4	31.85	-1.11	1025.60
3.0	28.64	4.70	1022.67	11.2	31.06	1.21	1024.87	18.6	31.83	-1.11	1025.59
3.2	28.79	4.45	1022.81	11.4	31.01	1.12	1024.83	18.7	31.82	-1.11	1025.58
3.4	29.09	3.94	1023.09	11.7	31.05	0.94	1024.87	18.8	31.82	-1.11	1025.58
3.7	29.34	3.54	1023.33	11.9	31.15	0.64	1024.97	19.0	31.84	-1.10	1025.60
3.8	29.47	3.36	1023.44	12.0	31.32	0.24	1025.13	19.1	31.85	-1.07	1025.60
3.9	29.47	3.36	1023.44	12.2	31.38	-0.11	1025.19	19.3	31.86	-1.10	1025.61
4.2	29.46	3.40	1023.43	12.3	31.39	-0.20	1025.20	19.6	31.89	-1.10	1025.64
4.3	29.65	3.23	1023.60	12.4	31.42	-0.22	1025.23	19.9	31.92	-1.06	1025.66
4.4	29.50	3.39	1023.47	12.5	31.41	-0.27	1025.22	20.1	31.90	-1.04	1025.64
4.5	30.09	2.83	1023.98	12.7	31.42	-0.25	1025.23	20.2	31.89	-1.04	1025.63
4.7	30.24	2.69	1024.11	12.8	31.42	-0.26	1025.23	20.3	31.95	-1.03	1025.68
4.8	30.32	2.59	1024.18	12.9	31.40	-0.26	1025.21	20.4	31.95	-1.03	1025.68
4.9	30.18	2.56	1024.07	13.2	31.42	-0.37	1025.23	20.7	31.96	-1.04	1025.69
5.1	30.20	2.48	1024.09	13.3	31.45	-0.44	1025.26	20.8	31.97	-1.05	1025.70
5.4	30.28	2.38	1024.17	13.5	31.46	-0.51	1025.27	20.9	31.97	-1.03	1025.70
5.6	30.36	2.25	1024.24	13.7	31.49	-0.61	1025.30	21.2	31.96	-0.95	1025.69
5.9	30.40	2.14	1024.28	13.8	31.50	-0.66	1025.31	21.4	31.96	-0.88	1025.69
6.1	30.47	2.02	1024.34	13.9	31.54	-0.68	1025.34	21.5	31.98	-0.88	1025.70
6.2	30.52	1.98	1024.39	14.0	31.55	-0.68	1025.35	21.7	32.01	-0.90	1025.73
6.4	30.59	1.93	1024.44	14.3	31.52	-0.69	1025.32	21.8	31.98	-0.87	1025.70
6.5	30.62	1.86	1024.47	14.4	31.53	-0.68	1025.33	21.9	31.96	-0.85	1025.69
6.6	30.67	1.84	1024.51	14.5	31.53	-0.70	1025.33	22.0	32.02	-0.83	1025.73
6.9	30.67	1.82	1024.52	14.8	31.54	-0.71	1025.34	22.2	32.01	-0.83	1025.72
7.1	30.67	1.80	1024.52	14.9	31.56	-0.78	1025.36	22.4	31.98	-0.58	1025.69
7.4	30.71	1.80	1024.55	15.1	31.62	-0.97	1025.41	22.7	32.01	-0.45	1025.71
7.5	30.71	1.80	1024.55	15.4	31.64	-0.99	1025.43	22.9	32.03	-0.46	1025.73

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Table A1.21. Station 87022 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
23.0	32.08	-0.51	1025.77	26.1	32.17	-1.07	1025.86	28.8	32.24	-1.03	1025.92
23.1	32.04	-0.53	1025.74	26.3	32.20	-1.11	1025.89	28.9	32.24	-1.03	1025.92
23.3	32.05	-0.45	1025.74	26.6	32.22	-1.13	1025.90	29.2	32.25	-1.03	1025.93
23.4	32.18	-0.84	1025.86	26.7	32.22	-1.12	1025.90	29.3	32.26	-1.03	1025.93
23.5	32.07	-0.82	1025.77	26.8	32.21	-1.11	1025.90	29.4	32.24	-1.03	1025.92
23.6	32.10	-0.82	1025.80	27.0	32.22	-1.09	1025.90	29.6	32.26	-1.03	1025.93
24.6	32.12	-1.09	1025.82	27.1	32.22	-1.07	1025.90	29.8	32.26	-1.02	1025.93
24.9	32.13	-1.04	1025.83	27.3	32.23	-1.05	1025.91	30.0	32.26	-1.02	1025.93
25.0	32.14	-1.03	1025.84	27.6	32.23	-1.05	1025.91	30.2	32.26	-1.01	1025.93
25.1	32.14	-1.01	1025.84	27.7	32.26	-1.05	1025.93	30.4	32.26	-1.02	1025.93
25.2	32.14	-1.01	1025.84	28.0	32.24	-1.04	1025.92	30.8	32.27	-1.02	1025.94
25.4	32.15	-1.01	1025.84	28.1	32.24	-1.04	1025.92	30.9	32.25	-1.02	1025.93
25.5	32.15	-1.01	1025.84	28.2	32.25	-1.04	1025.93	31.2	32.26	-1.01	1025.93
25.6	32.16	-1.02	1025.85	28.3	32.25	-1.04	1025.93	31.3	32.26	-1.01	1025.93
25.9	32.18	-1.06	1025.87	28.5	32.24	-1.04	1025.92	31.4	32.25	-1.02	1025.93
26.0	32.19	-1.07	1025.88	28.7	32.25	-1.03	1025.93				

STATION: 87023 DATE: 23 July

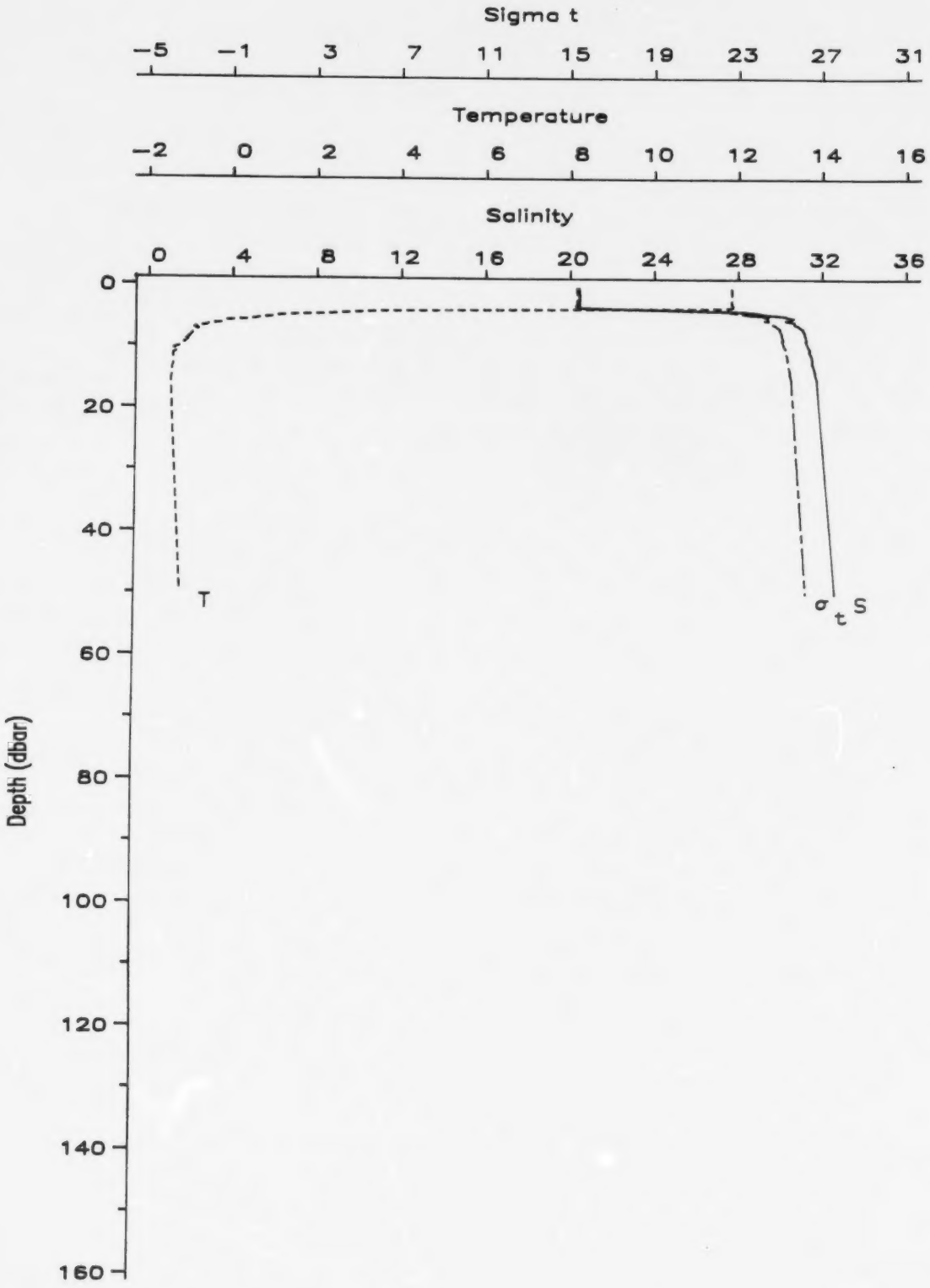

Table A1.22. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87023, July 23, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	20.43	11.84	1015.33	4.6	29.10	2.64	1023.21	9.9	31.34	-1.22	1025.19
0.6	20.42	11.85	1015.32	4.8	29.49	2.20	1023.55	10.1	31.38	-1.27	1025.23
0.7	20.43	11.84	1015.33	4.9	29.95	1.53	1023.96	10.4	31.44	-1.39	1025.28
0.9	20.43	11.84	1015.33	5.0	30.26	1.16	1024.23	10.5	31.43	-1.41	1025.27
1.0	20.43	11.84	1015.33	5.2	30.44	0.93	1024.38	10.6	31.39	-1.34	1025.24
1.1	20.43	11.84	1015.33	5.3	30.64	0.81	1024.55	10.8	31.38	-1.30	1025.23
1.2	20.44	11.84	1015.34	5.4	30.49	0.63	1024.44	11.0	31.44	-1.36	1025.28
1.4	20.43	11.85	1015.33	5.7	30.26	0.40	1024.26	11.3	31.49	-1.42	1025.32
1.7	20.44	11.84	1015.34	5.8	30.51	0.01	1024.48	11.7	31.52	-1.43	1025.34
2.0	20.43	11.85	1015.33	5.9	30.67	-0.20	1024.62	11.8	31.53	-1.42	1025.35
2.1	20.44	11.85	1015.34	6.3	30.70	-0.28	1024.65	12.1	31.54	-1.42	1025.36
2.2	20.43	11.84	1015.33	6.5	30.85	-0.57	1024.78	12.3	31.55	-1.43	1025.37
2.3	20.43	11.85	1015.33	6.7	30.93	-0.65	1024.85	12.6	31.55	-1.43	1025.37
2.6	20.43	11.84	1015.33	7.0	31.08	-0.91	1024.97	12.7	31.55	-1.42	1025.37
2.8	20.43	11.84	1015.33	7.1	31.08	-0.92	1024.97	13.8	31.66	-1.46	1025.46
3.3	20.42	11.85	1015.32	7.3	31.10	-0.83	1024.99	13.9	31.67	-1.42	1025.47
3.4	20.37	11.95	1015.27	7.4	31.13	-0.84	1025.01	14.0	31.66	-1.43	1025.46
3.7	20.48	11.75	1015.38	7.8	31.18	-0.95	1025.06	14.2	31.69	-1.46	1025.48
3.8	21.22	10.75	1016.11	8.0	31.19	-0.97	1025.07	14.5	31.69	-1.45	1025.48
4.1	25.59	6.13	1020.11	8.6	31.24	-1.04	1025.11	15.4	31.77	-1.48	1025.55
4.2	27.26	4.85	1021.56	8.9	31.27	-1.16	1025.14	49.9	32.70	-1.20	1026.30
4.3	28.34	3.56	1022.53	9.0	31.21	-1.07	1025.08				

STATION: 87024 DATE: 23 July

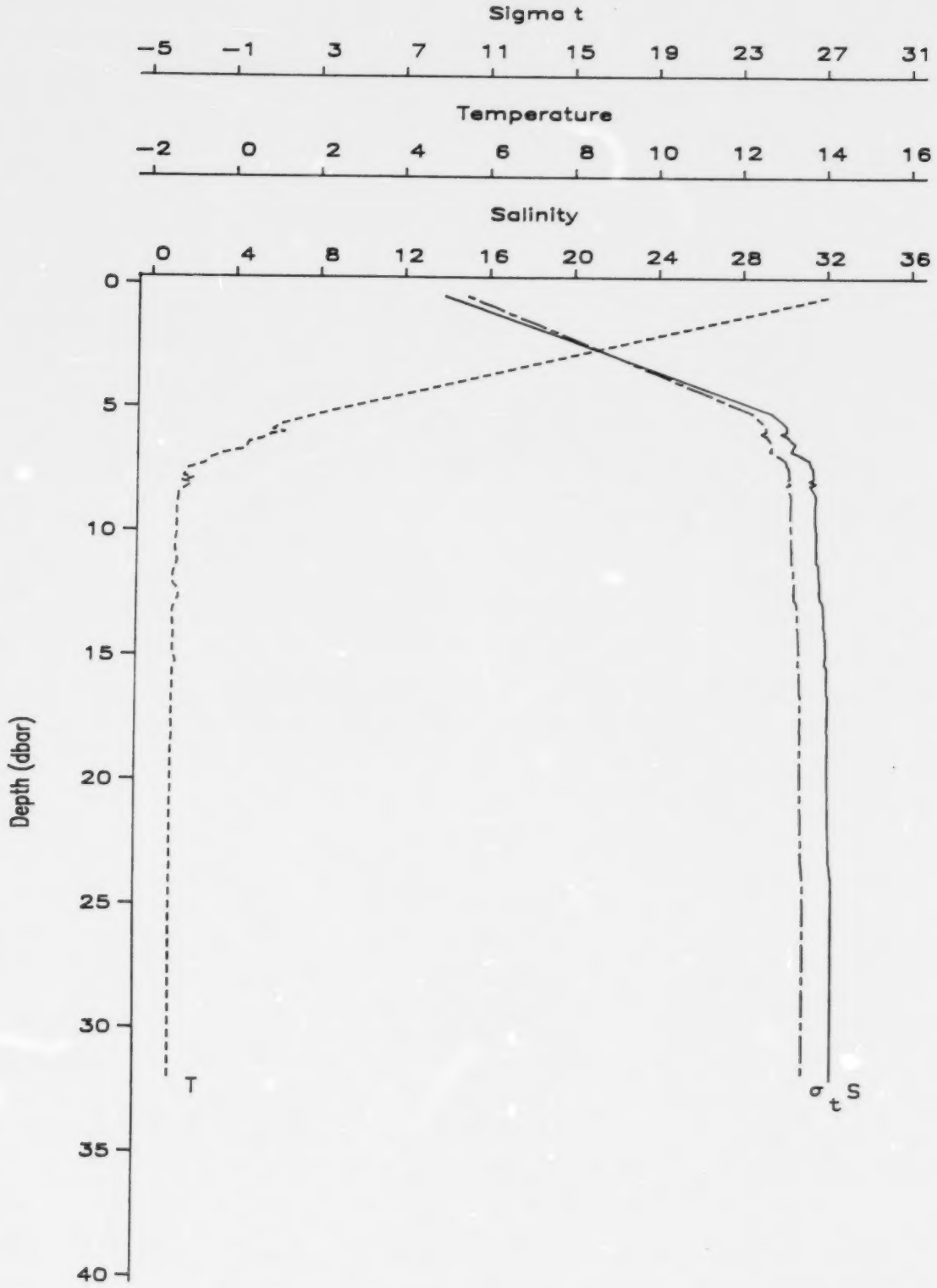

Table A1.23. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87024, July 23, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	13.90	14.00	1009.94	14.5	32.01	-1.44	1025.74	23.0	32.20	-1.47	1025.90
5.2	29.40	2.17	1023.48	14.8	32.02	-1.44	1025.75	23.2	32.21	-1.47	1025.91
5.7	30.09	1.06	1024.10	14.9	32.03	-1.44	1025.76	23.3	32.22	-1.46	1025.91
5.9	30.12	0.88	1024.13	15.0	31.99	-1.42	1025.73	23.5	32.27	-1.47	1025.95
6.0	29.85	1.16	1023.90	15.1	31.96	-1.40	1025.70	23.8	32.31	-1.48	1025.99
6.1	30.12	0.84	1024.13	15.3	31.93	-1.36	1025.68	24.0	32.35	-1.48	1026.02
6.3	30.34	0.59	1024.32	15.4	32.05	-1.43	1025.77	24.3	32.35	-1.48	1026.02
6.4	30.49	0.32	1024.45	15.5	32.07	-1.44	1025.79	24.4	32.35	-1.48	1026.02
6.7	30.31	0.21	1024.31	15.8	32.06	-1.44	1025.78	24.5	32.33	-1.47	1026.00
6.9	30.81	-0.36	1024.74	15.9	32.05	-1.45	1025.77	24.6	32.33	-1.47	1026.00
7.1	31.18	-0.62	1025.05	16.0	32.07	-1.45	1025.79	24.8	32.34	-1.48	1026.01
7.3	31.26	-0.73	1025.11	16.1	32.05	-1.44	1025.77	25.0	32.36	-1.48	1026.03
7.4	31.36	-0.93	1025.20	16.3	32.05	-1.44	1025.77	25.3	32.36	-1.48	1026.03
7.5	31.38	-1.11	1025.22	16.5	32.07	-1.45	1025.79	25.4	32.36	-1.48	1026.03
7.8	31.42	-1.22	1025.26	16.6	32.13	-1.46	1025.84	25.5	32.36	-1.48	1026.03
7.9	31.21	-0.98	1025.08	16.8	32.10	-1.46	1025.82	25.6	32.36	-1.48	1026.03
8.0	31.48	-1.26	1025.31	17.1	32.09	-1.46	1025.81	25.8	32.36	-1.48	1026.03
8.1	31.23	-1.03	1025.10	17.4	32.10	-1.46	1025.82	25.9	32.37	-1.48	1026.04
8.5	31.51	-1.34	1025.33	17.6	32.11	-1.47	1025.82	26.1	32.36	-1.48	1026.03
8.9	31.45	-1.37	1025.29	17.7	32.08	-1.46	1025.80	26.2	32.36	-1.48	1026.03
9.0	31.46	-1.38	1025.29	17.9	32.06	-1.45	1025.78	26.4	32.35	-1.47	1026.02
9.3	31.47	-1.36	1025.30	18.0	32.08	-1.45	1025.80	26.6	32.36	-1.48	1026.03
9.5	31.48	-1.38	1025.31	18.1	32.11	-1.45	1025.82	26.9	32.36	-1.48	1026.03
9.7	31.49	-1.37	1025.32	18.2	32.13	-1.45	1025.84	27.0	32.35	-1.48	1026.02
10.0	31.54	-1.36	1025.36	18.5	32.12	-1.46	1025.83	27.1	32.37	-1.47	1026.04
10.4	31.52	-1.40	1025.34	18.7	32.12	-1.47	1025.83	27.3	32.37	-1.48	1026.04
10.7	31.54	-1.41	1025.36	18.9	32.12	-1.47	1025.83	27.6	32.36	-1.48	1026.03
10.8	31.54	-1.40	1025.36	19.2	32.12	-1.47	1025.83	27.9	32.36	-1.48	1026.03
11.0	31.54	-1.39	1025.36	19.5	32.13	-1.47	1025.84	28.1	32.36	-1.48	1026.03
11.2	31.53	-1.34	1025.35	19.6	32.13	-1.47	1025.84	28.4	32.36	-1.48	1026.03
11.3	31.64	-1.36	1025.44	19.7	32.13	-1.47	1025.84	28.5	32.35	-1.47	1026.02
11.5	31.67	-1.40	1025.47	19.8	32.14	-1.47	1025.85	28.6	32.36	-1.47	1026.03
11.6	31.66	-1.43	1025.46	20.0	32.14	-1.47	1025.85	28.7	32.37	-1.48	1026.04
11.8	31.68	-1.46	1025.47	20.1	32.13	-1.45	1025.84	28.8	32.37	-1.48	1026.04
12.1	31.72	-1.47	1025.51	20.6	32.16	-1.47	1025.86	29.1	32.37	-1.48	1026.04
12.3	31.69	-1.37	1025.48	21.1	32.16	-1.48	1025.86	29.2	32.35	-1.47	1026.02
12.4	31.68	-1.33	1025.47	21.2	32.16	-1.48	1025.86	29.6	32.37	-1.48	1026.04
12.7	31.73	-1.31	1025.51	21.3	32.16	-1.47	1025.86	29.9	32.37	-1.48	1026.04
12.8	31.84	-1.36	1025.60	21.4	32.18	-1.48	1025.88	30.2	32.36	-1.48	1026.03
13.1	31.90	-1.44	1025.65	21.6	32.16	-1.48	1025.86	30.6	32.37	-1.48	1026.04
13.3	31.92	-1.46	1025.67	21.7	32.18	-1.47	1025.88	30.8	32.37	-1.48	1026.04
13.6	31.93	-1.46	1025.68	22.1	32.20	-1.48	1025.90	31.3	32.36	-1.48	1026.03
13.7	31.92	-1.45	1025.67	22.3	32.21	-1.48	1025.91	31.6	32.35	-1.48	1026.02
13.8	31.90	-1.44	1025.65	22.6	32.21	-1.48	1025.91	32.0	32.36	-1.48	1026.03
14.0	31.97	-1.43	1025.71	22.8	32.22	-1.48	1025.91				
14.3	32.00	-1.43	1025.73	22.9	32.20	-1.47	1025.90				

STATION: 87025 DATE: 23 July

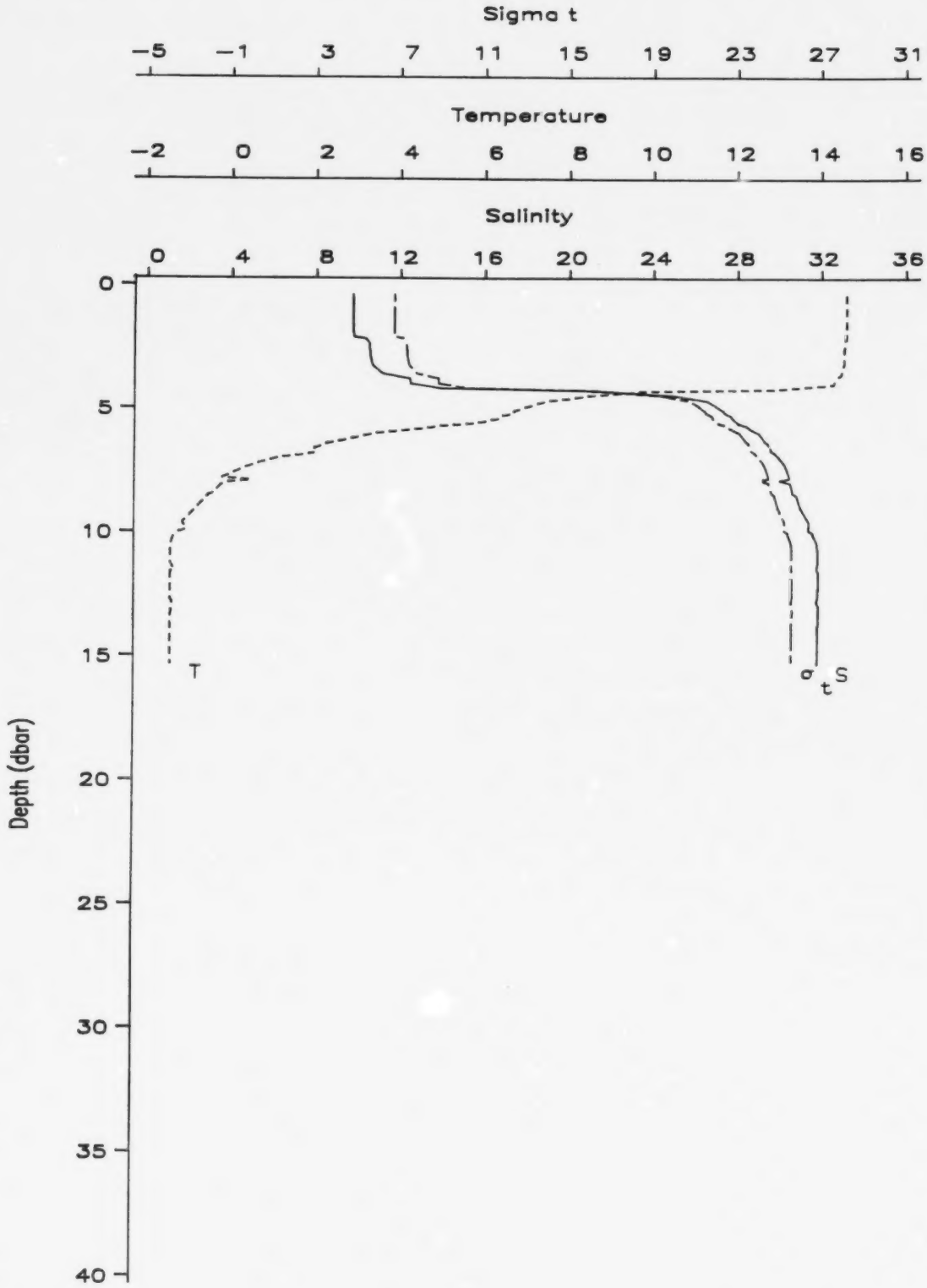

Table A1.24. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87025, July 23, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	9.73	14.59	1006.65	4.7	26.55	7.43	1020.72	10.1	31.60	-1.35	1025.41
0.5	9.73	14.59	1006.65	4.9	26.93	7.03	1021.07	10.3	31.73	-1.40	1025.51
0.6	9.73	14.59	1006.65	5.1	27.29	6.67	1021.39	10.5	31.81	-1.43	1025.58
0.8	9.73	14.59	1006.65	5.2	27.39	6.65	1021.47	10.7	31.84	-1.44	1025.60
0.9	9.73	14.59	1006.65	5.3	27.66	6.33	1021.72	11.0	31.84	-1.44	1025.60
1.0	9.73	14.59	1006.65	5.4	27.73	6.31	1021.78	11.1	31.85	-1.44	1025.61
1.1	9.73	14.59	1006.65	5.6	28.01	5.71	1022.07	11.2	31.85	-1.44	1025.61
1.3	9.73	14.59	1006.65	5.7	28.39	4.92	1022.45	11.4	31.79	-1.39	1025.56
1.4	9.73	14.59	1006.65	5.8	28.53	4.52	1022.60	11.5	31.78	-1.33	1025.55
1.6	9.73	14.59	1006.65	6.0	29.00	3.38	1023.07	11.6	31.87	-1.44	1025.63
1.9	9.74	14.59	1006.65	6.3	29.26	2.56	1023.34	11.8	31.86	-1.44	1025.62
2.1	9.79	14.58	1006.69	6.4	29.40	2.26	1023.47	12.1	31.84	-1.44	1025.60
2.2	10.36	14.55	1007.14	6.6	29.55	1.95	1023.61	12.3	31.84	-1.44	1025.60
2.4	10.52	14.54	1007.26	6.7	29.57	1.88	1023.63	12.6	31.83	-1.44	1025.60
2.5	10.52	14.53	1007.26	6.8	29.77	1.94	1023.79	12.7	31.80	-1.44	1025.57
2.6	10.51	14.52	1007.26	7.0	29.98	1.05	1024.01	12.8	31.76	-1.40	1025.54
2.7	10.55	14.52	1007.29	7.2	30.18	0.63	1024.19	13.0	31.88	-1.42	1025.64
2.8	10.53	14.52	1007.27	7.4	30.31	0.30	1024.31	13.2	31.88	-1.42	1025.64
3.0	10.58	14.52	1007.31	7.8	30.48	-0.22	1024.47	13.3	31.85	-1.44	1025.61
3.2	10.64	14.51	1007.36	7.9	30.01	0.46	1024.06	13.6	31.85	-1.45	1025.61
3.3	10.70	14.50	1007.41	8.0	30.48	-0.13	1024.46	13.7	31.84	-1.44	1025.60
3.5	10.98	14.46	1007.63	8.1	30.54	-0.26	1024.52	13.8	31.82	-1.43	1025.59
3.6	11.15	14.45	1007.76	8.4	30.62	-0.41	1024.59	13.9	31.84	-1.44	1025.60
3.7	11.81	14.36	1008.28	8.5	30.80	-0.55	1024.74	14.1	31.85	-1.44	1025.61
3.8	12.44	14.31	1008.77	9.0	31.00	-0.82	1024.91	14.3	31.85	-1.45	1025.61
4.0	12.47	14.27	1008.80	9.4	31.28	-1.04	1025.14	14.7	31.84	-1.44	1025.60
4.2	13.90	12.83	1010.13	9.6	31.41	-1.16	1025.25	14.8	31.84	-1.44	1025.60
4.3	21.10	9.75	1016.16	9.8	31.37	-1.10	1025.21	15.2	31.80	-1.43	1025.57
4.5	25.00	8.34	1019.39	9.9	31.36	-1.07	1025.21	15.3	31.82	-1.43	1025.59
4.6	25.76	7.99	1020.03	10.0	31.57	-1.27	1025.38				

STATION: 87026 DATE: 24 July

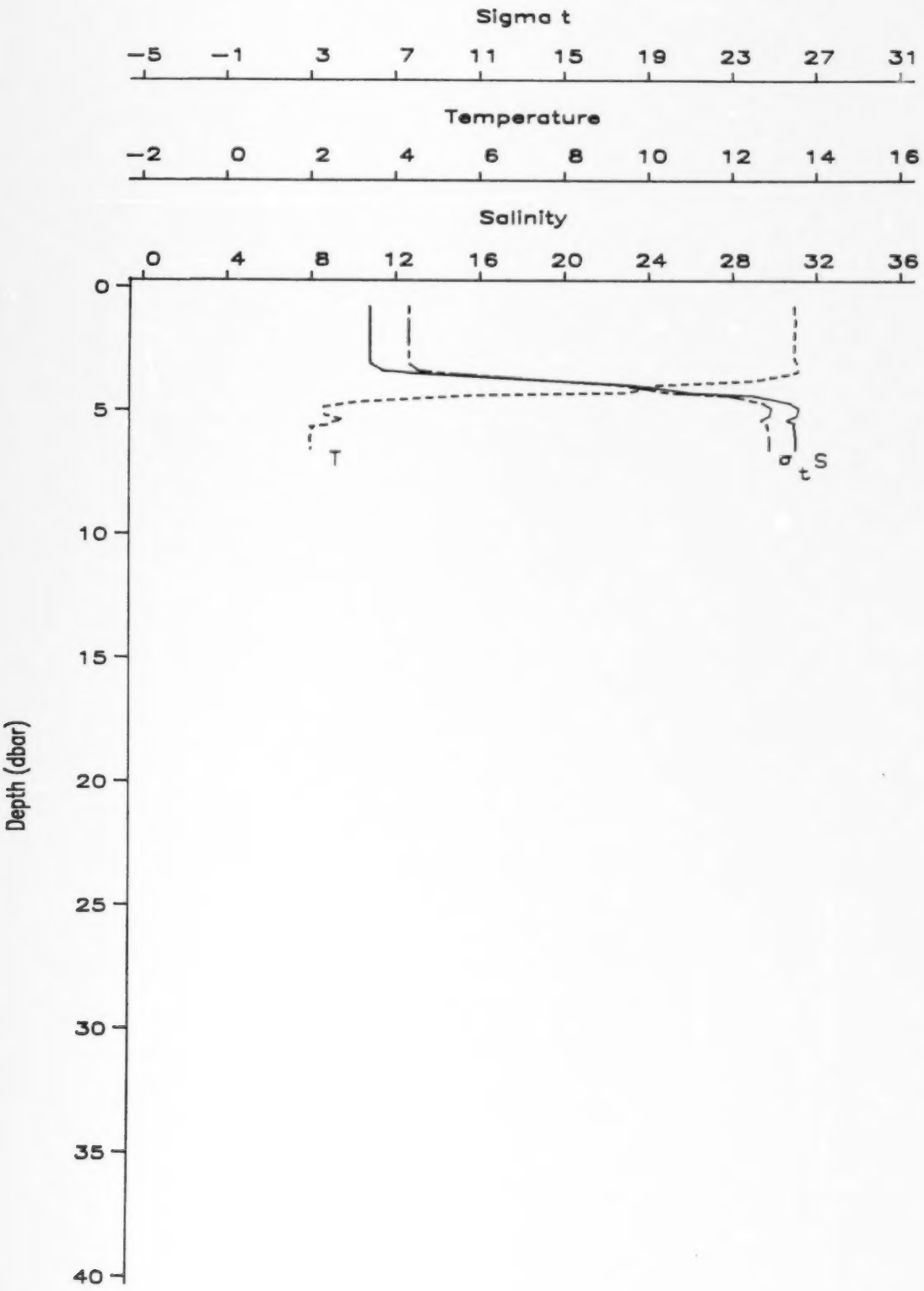

Table A1.25. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87026, July 24, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.8	10.76	13.49	1007.62	2.6	10.77	13.50	1007.62	5.2	31.07	2.32	1024.80
0.9	10.77	13.49	1007.62	2.8	10.77	13.50	1007.62	5.4	30.60	2.76	1024.39
1.1	10.77	13.50	1007.62	2.9	10.77	13.50	1007.62	5.5	30.95	2.49	1024.69
1.2	10.77	13.50	1007.62	3.0	10.77	13.52	1007.62	5.6	30.92	2.45	1024.67
1.3	10.76	13.52	1007.61	3.1	10.81	13.56	1007.64	5.7	30.93	1.98	1024.71
1.4	10.76	13.52	1007.61	3.4	11.39	13.59	1008.08	5.8	30.98	2.04	1024.75
1.7	10.77	13.50	1007.62	3.5	12.72	13.49	1009.12	6.0	30.99	1.99	1024.76
1.8	10.76	13.50	1007.61	3.8	18.99	12.51	1014.11	6.1	31.02	1.97	1024.79
2.0	10.76	13.50	1007.61	4.0	23.20	10.20	1017.73	6.2	31.02	1.96	1024.79
2.2	10.77	13.50	1007.62	4.3	26.09	9.49	1020.08	6.4	31.03	2.00	1024.79
2.3	10.77	13.50	1007.62	4.4	29.05	5.85	1022.87	6.5	31.00	2.00	1024.77
2.4	10.77	13.50	1007.62	4.7	30.77	2.99	1024.51	6.6	31.01	1.98	1024.78
2.5	10.77	13.50	1007.62	4.9	31.15	2.27	1024.87				

STATION: 87014 DATE: 26 July

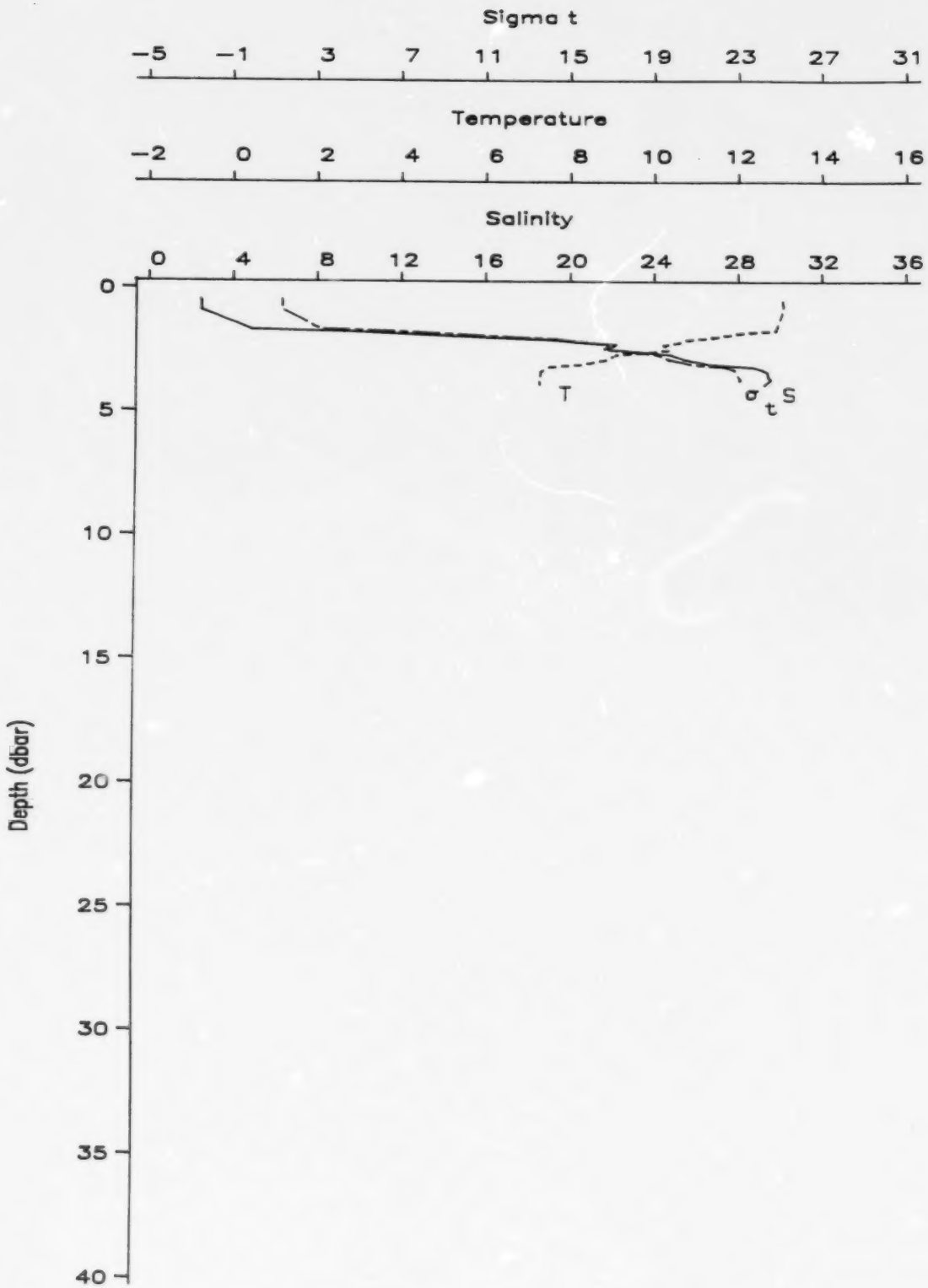

Table A1.26. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87014, July 26, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	2.47	13.07	1001.29	2.1	18.90	10.77	1014.31	3.1	26.81	8.25	1020.82
0.6	2.51	13.07	1001.32	2.2	20.16	10.60	1015.31	3.2	28.77	7.50	1022.45
0.7	2.49	13.08	1001.30	2.3	22.18	10.21	1016.93	3.3	29.13	7.39	1022.75
0.9	2.47	13.07	1001.29	2.5	21.79	10.35	1016.61	3.4	29.38	7.28	1022.96
1.7	4.85	12.89	1003.15	2.6	23.26	9.84	1017.83	3.6	29.44	7.27	1023.01
1.8	9.88	12.08	1007.15	2.7	24.80	9.07	1019.14	3.7	29.56	7.24	1023.11
2.0	15.72	11.35	1011.76	2.9	25.45	8.87	1019.67	3.9	29.25	7.27	1022.86

STATION: 87027 DATE: 26 July

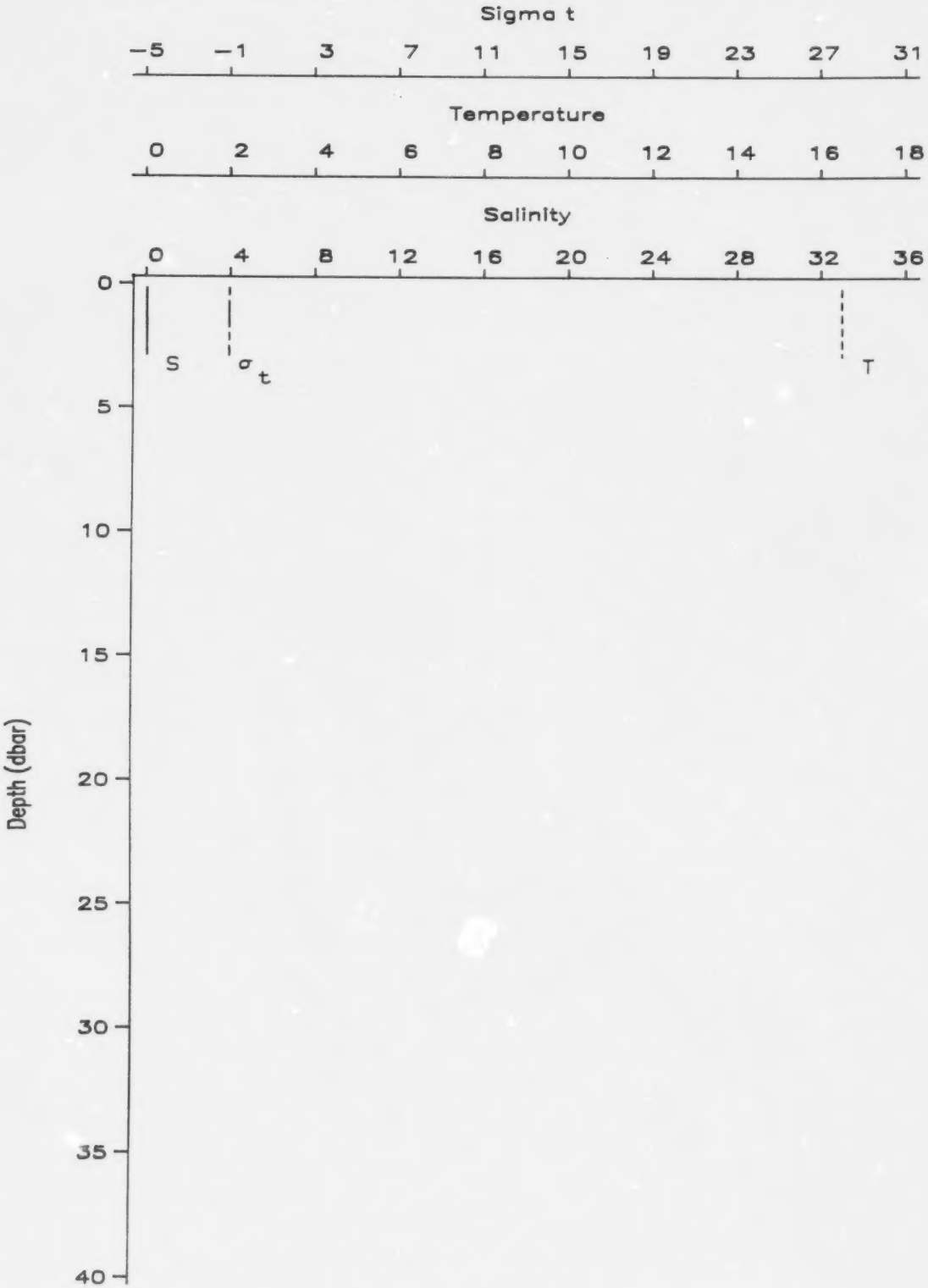

Table A1.27. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87027, July 26, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	0.09	16.50	998.93	1.1	0.09	16.50	998.93	2.0	0.09	16.50	998.93
0.3	0.09	16.50	998.93	1.2	0.09	16.50	998.93	2.2	0.09	16.50	998.93
0.5	0.09	16.50	998.93	1.4	0.09	16.50	998.93	2.3	0.09	16.50	998.93
0.6	0.09	16.49	998.93	1.5	0.09	16.50	998.93	2.6	0.08	16.50	998.92
0.7	0.09	16.50	998.93	1.6	0.08	16.49	998.93	2.7	0.09	16.50	998.93
0.9	0.09	16.49	998.93	1.7	0.09	16.50	998.93	2.8	0.09	16.50	998.93
1.0	0.09	16.50	998.93	1.8	0.09	16.50	998.93	2.9	0.08	16.51	998.92

STATION: 87028 DATE: 28 July

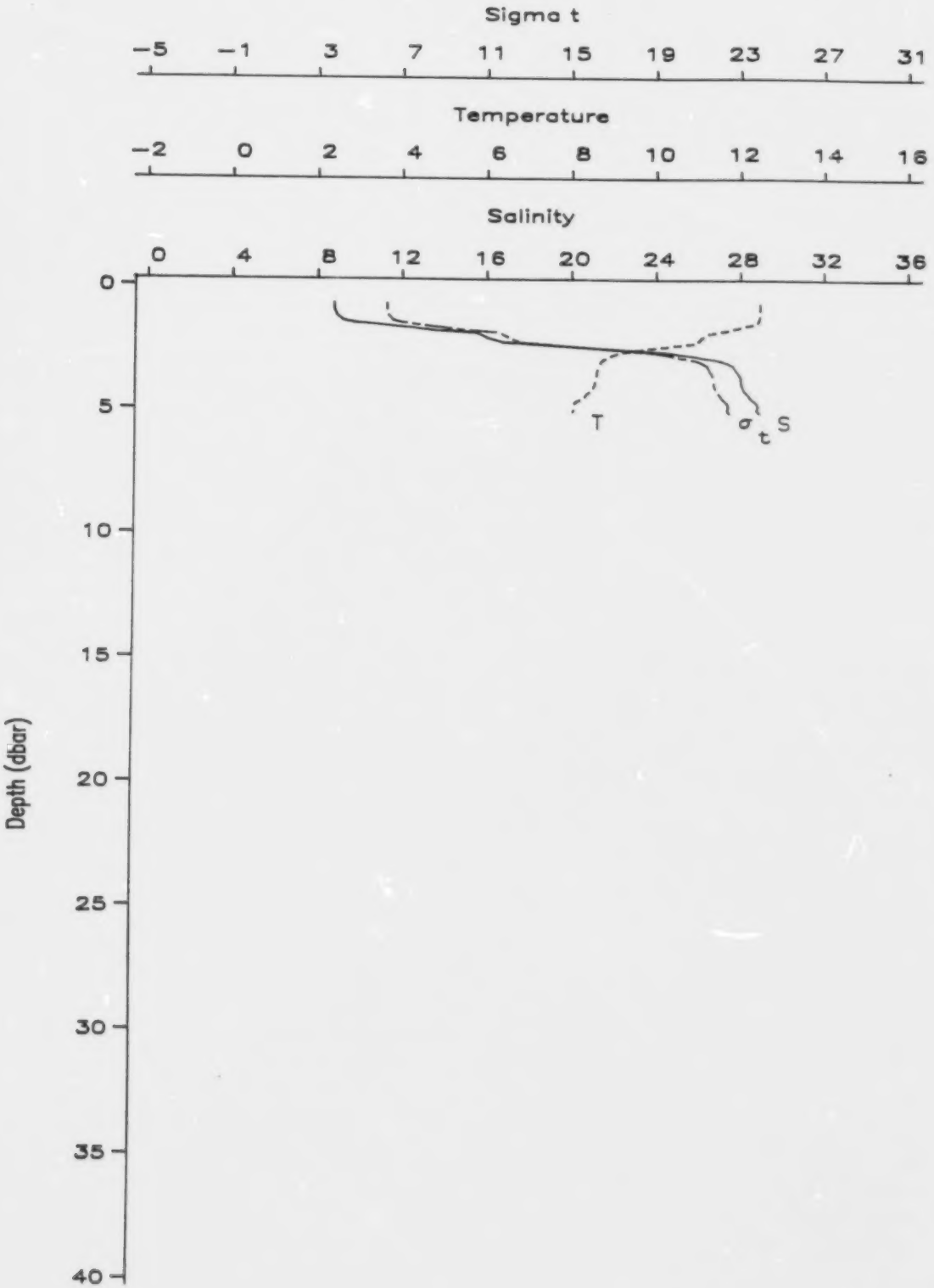

Table A1.28. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87028, July 28, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.7	8.77	12.47	1006.23	2.3	16.73	10.95	1012.60	3.9	28.05	8.54	1021.75
0.8	8.78	12.47	1006.24	2.5	20.43	9.95	1015.61	4.0	28.07	8.54	1021.76
0.9	8.79	12.47	1006.25	2.7	24.69	9.11	1019.04	4.2	28.17	8.47	1021.85
1.0	8.79	12.47	1006.25	3.0	27.05	8.73	1020.94	4.4	28.39	8.33	1022.04
1.2	8.89	12.46	1006.33	3.1	27.39	8.68	1021.21	4.5	28.47	8.29	1022.11
1.4	9.16	12.43	1006.54	3.2	27.63	8.61	1021.41	4.7	28.75	8.09	1022.36
1.5	9.65	12.38	1006.93	3.4	27.79	8.60	1021.54	4.8	28.82	8.03	1022.42
1.8	13.34	11.62	1009.88	3.5	27.89	8.58	1021.62	5.0	28.76	8.05	1022.37
1.9	15.53	11.26	1011.63	3.6	27.96	8.58	1021.67	5.1	28.88	8.01	1022.47
2.1	15.97	11.06	1012.00	3.7	28.03	8.55	1021.73				

STATION: 87029 DATE: 28 July

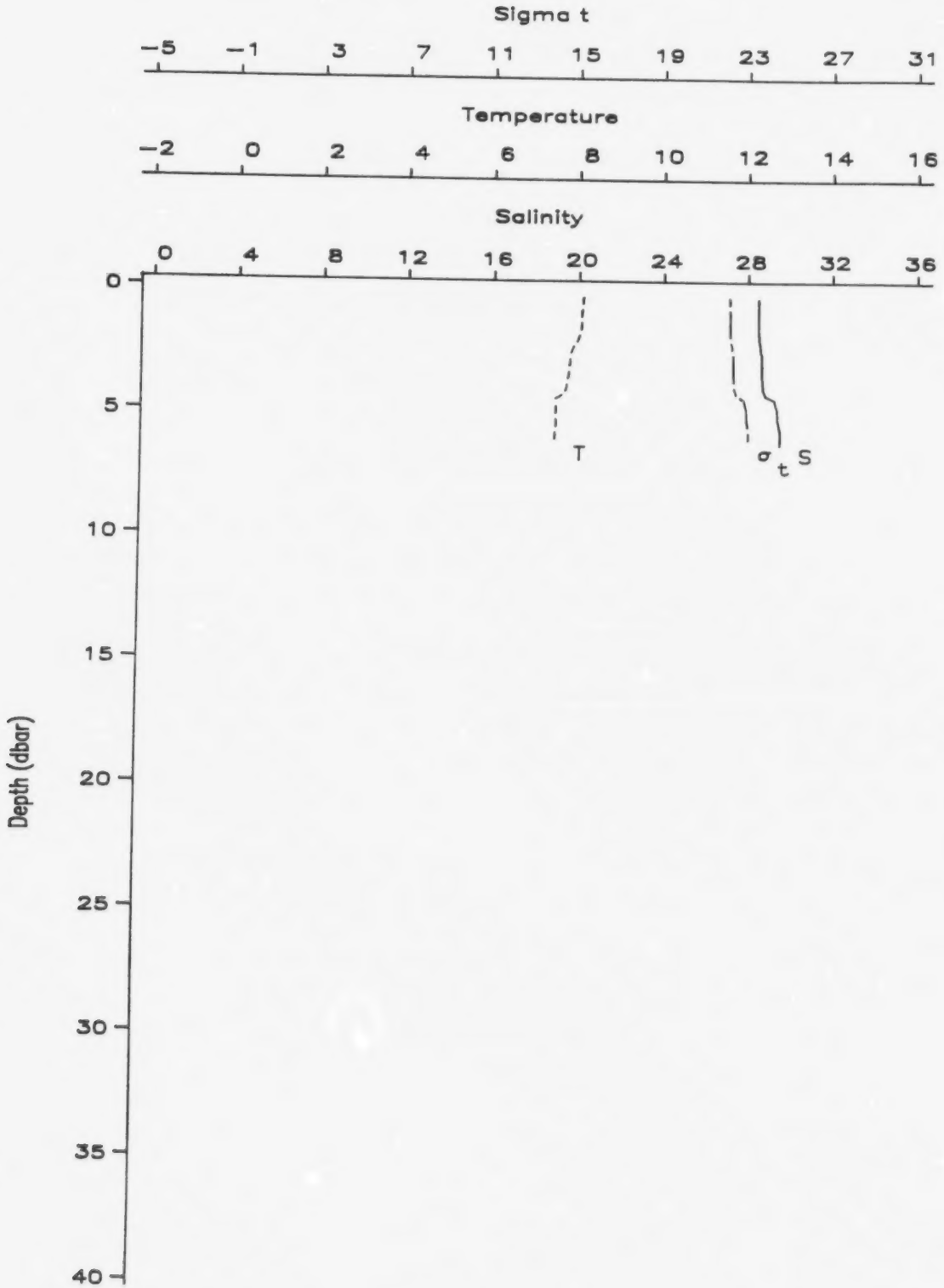

Table A1.29. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87029, July 28, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	28.49	8.10	1022.15	2.6	28.62	7.82	1022.29	4.5	29.25	7.45	1022.84
0.5	28.50	8.08	1022.16	2.7	28.65	7.79	1022.32	4.7	29.32	7.45	1022.89
0.6	28.49	8.09	1022.15	2.8	28.66	7.79	1022.33	4.9	29.41	7.46	1022.96
0.8	28.49	8.09	1022.15	3.0	28.65	7.78	1022.32	5.1	29.43	7.45	1022.98
0.9	28.50	8.08	1022.16	3.1	28.66	7.78	1022.33	5.2	29.41	7.46	1022.96
1.0	28.50	8.06	1022.17	3.2	28.67	7.75	1022.34	5.3	29.42	7.46	1022.97
1.1	28.50	8.06	1022.17	3.3	28.67	7.77	1022.34	5.4	29.45	7.46	1022.99
1.4	28.49	8.06	1022.16	3.5	28.67	7.75	1022.34	5.6	29.50	7.46	1023.03
1.6	28.50	8.05	1022.17	3.6	28.68	7.74	1022.35	5.7	29.52	7.46	1023.05
1.9	28.52	8.02	1022.19	3.7	28.69	7.73	1022.36	5.8	29.54	7.45	1023.06
2.0	28.53	7.99	1022.20	3.8	28.70	7.72	1022.37	5.9	29.55	7.43	1023.07
2.1	28.53	7.98	1022.20	4.0	28.71	7.70	1022.38	6.0	29.55	7.43	1023.07
2.2	28.55	7.95	1022.22	4.1	28.72	7.69	1022.39	6.2	29.53	7.43	1023.06
2.4	28.60	7.87	1022.27	4.3	28.82	7.64	1022.47	6.3	29.53	7.42	1023.06

STATION: 87A30 DATE: 29 July

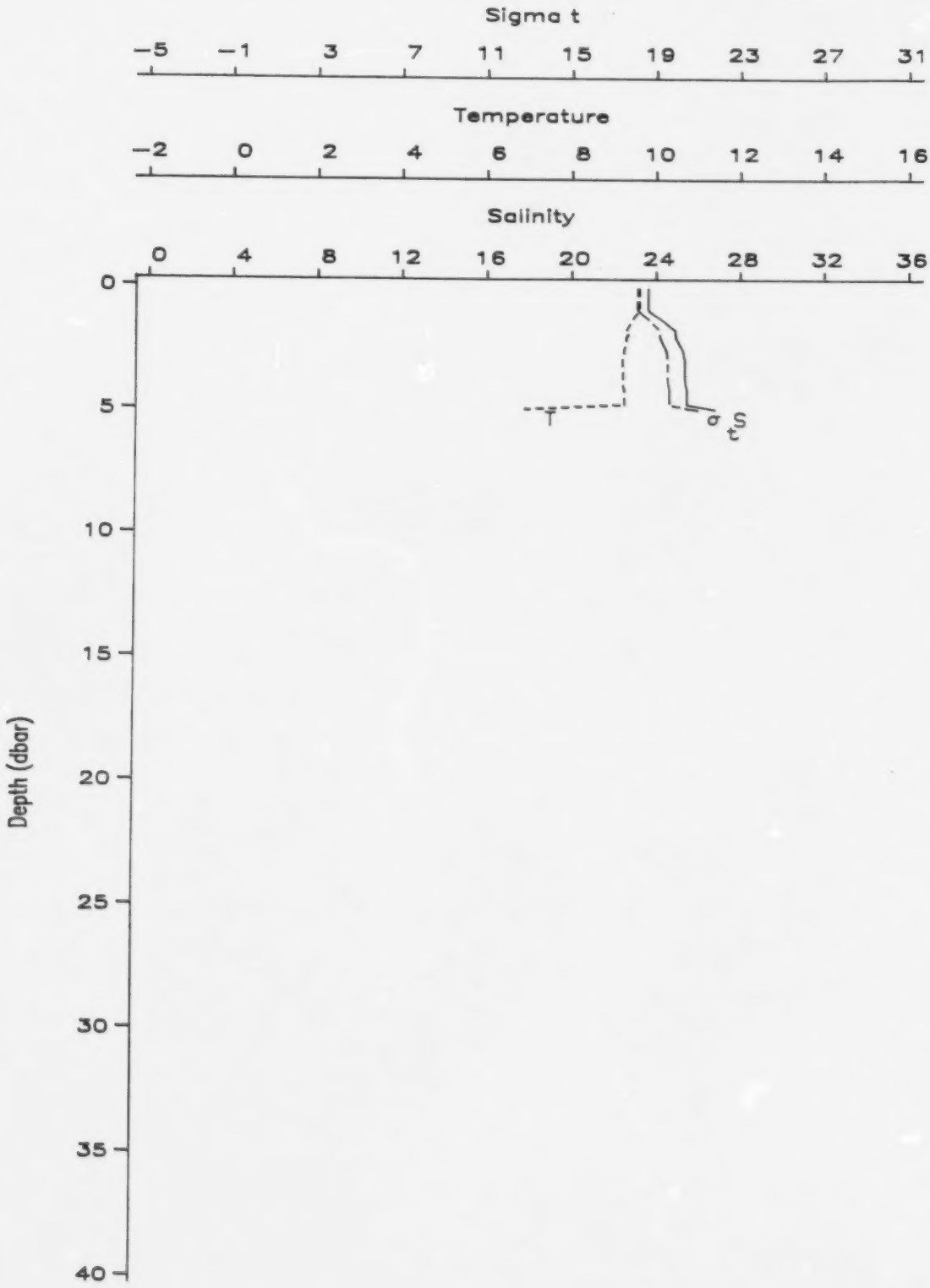

Table A1.30. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87A30, July 29, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	23.62	9.61	1018.14	2.0	24.93	9.31	1019.20	3.7	25.37	9.20	1019.56
0.3	23.61	9.61	1018.13	2.1	24.94	9.28	1019.21	4.0	25.40	9.20	1019.59
0.4	23.61	9.60	1018.13	2.3	25.07	9.27	1019.32	4.2	25.46	9.23	1019.63
0.5	23.60	9.61	1018.12	2.4	25.13	9.26	1019.37	4.4	25.47	9.23	1019.64
0.8	23.60	9.60	1018.13	2.6	25.27	9.23	1019.48	4.6	25.47	9.23	1019.64
0.9	23.61	9.59	1018.13	2.9	25.33	9.21	1019.53	4.7	25.46	9.23	1019.63
1.0	23.65	9.58	1018.17	3.0	25.37	9.19	1019.56	4.8	25.48	9.23	1019.64
1.5	24.48	9.38	1018.84	3.2	25.37	9.20	1019.56	5.0	26.79	6.88	1020.97
1.8	24.91	9.29	1019.19	3.5	25.36	9.21	1019.55				
1.9	24.91	9.35	1019.18	3.6	25.36	9.20	1019.55				

STATION: 87B30 DATE: 29 July

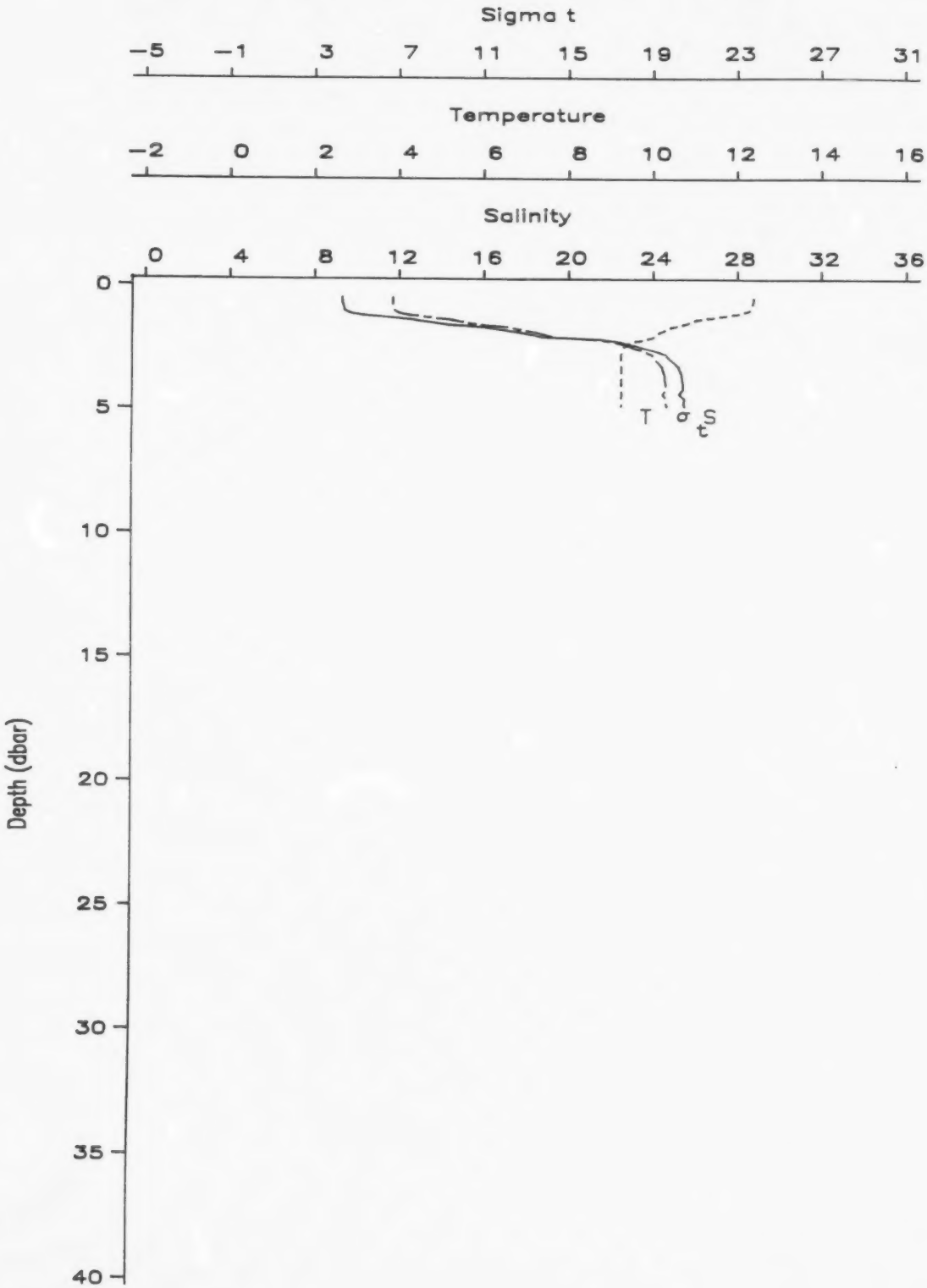

Table A1.31. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87830, July 29, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	9.31	12.39	1006.66	2.1	18.74	9.99	1014.29	3.5	25.29	9.23	1019.49
0.6	9.30	12.38	1006.66	2.2	21.60	9.82	1016.54	3.7	25.36	9.23	1019.55
0.7	9.32	12.37	1006.67	2.3	22.44	9.46	1017.24	3.9	25.39	9.22	1019.57
1.0	9.42	12.28	1006.76	2.5	23.37	9.30	1017.99	4.0	25.41	9.22	1019.59
1.1	9.63	12.12	1006.95	2.7	24.28	9.25	1018.70	4.2	25.41	9.22	1019.59
1.2	10.21	11.77	1007.44	2.8	24.58	9.22	1018.94	4.3	25.30	9.23	1019.50
1.4	12.74	11.01	1009.50	2.9	24.68	9.23	1019.02	4.4	25.21	9.24	1019.43
1.6	14.36	10.69	1010.80	3.2	25.06	9.23	1019.32	4.6	25.45	9.22	1019.62
1.7	16.14	10.41	1012.22	3.3	25.19	9.24	1019.42	4.8	25.41	9.23	1019.59
1.9	17.72	10.15	1013.48	3.4	25.22	9.23	1019.44	4.9	25.47	9.22	1019.64

STATION: 87031 DATE: 29 July

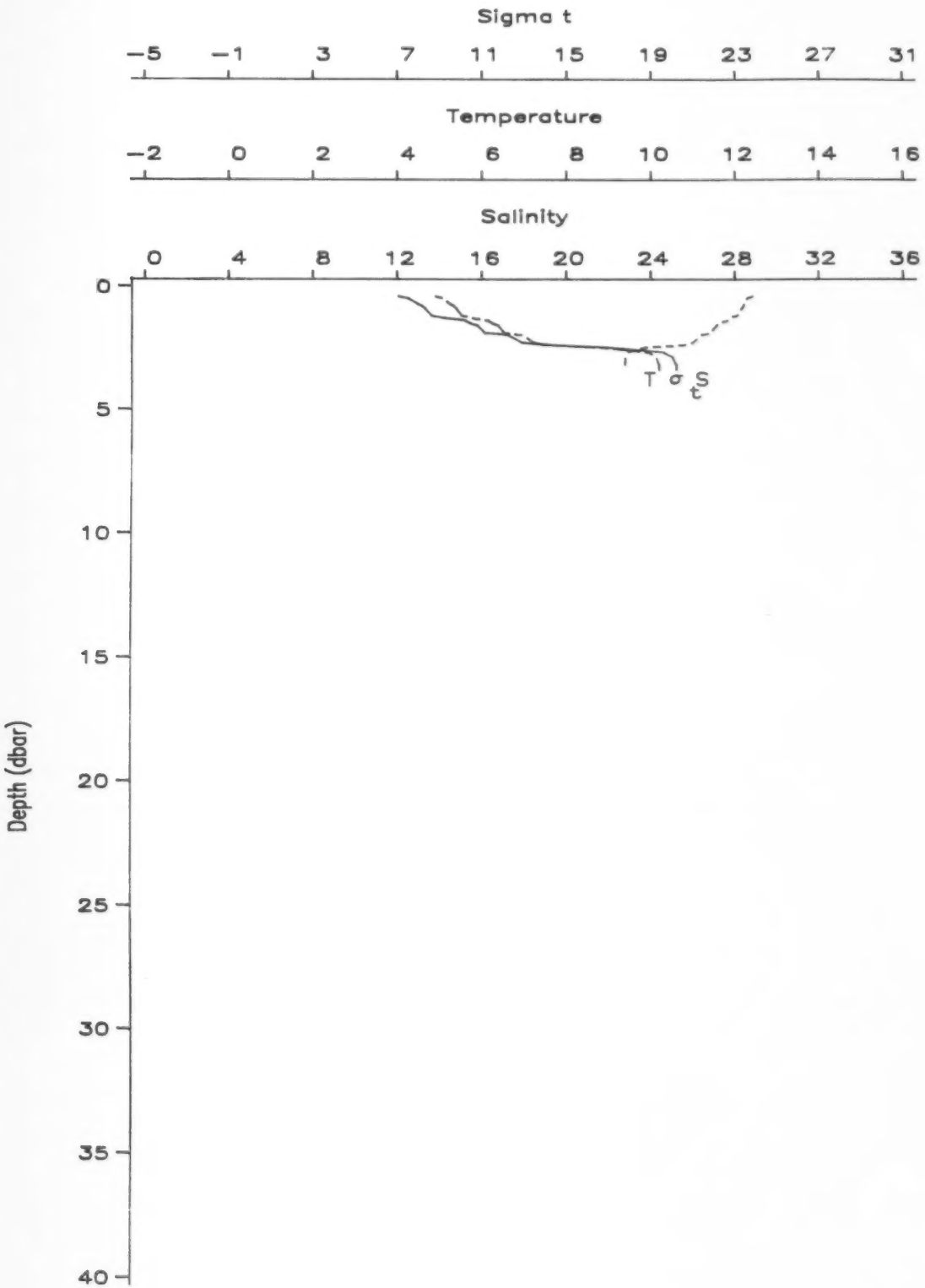

Table A1.32. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87031, July 29, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	12.08	12.43	1008.79	1.4	15.23	11.83	1011.31	2.5	21.96	9.85	1016.81
0.5	12.54	12.30	1009.17	1.5	15.43	11.66	1011.49	2.7	24.63	9.43	1018.95
0.7	12.92	12.22	1009.47	1.6	15.80	11.56	1011.79	2.9	25.06	9.39	1019.29
0.8	13.17	12.21	1009.67	1.9	16.13	11.42	1012.07	3.1	25.16	9.38	1019.37
0.9	13.32	12.17	1009.79	2.0	17.27	11.19	1012.98	3.2	25.24	9.38	1019.43
1.2	13.62	12.06	1010.04	2.3	17.88	11.00	1013.48	3.4	25.25	9.38	1019.44
1.3	14.27	11.85	1010.57	2.4	18.88	10.77	1014.29				

Table A1.33. Salinity, temperature (C) and density (kg.m**-3) data by depth (m) for station 87033, August 1, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.0	24.24			1.0	24.26			5.0	24.44		

Table A1.34. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 87050, August 5, 1987.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	29.40	9.10	1022.72	39.1	31.90	-1.30	1025.65				